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WPB Reconversion Plan Outlined—Page 3

Oil, Paint and Drug Reporter

The Chemical Market Authority Since 1871

ABC

Volume 146 No. 9 | Schnell Publishing Company, Inc., Publishers | August 28, 1944

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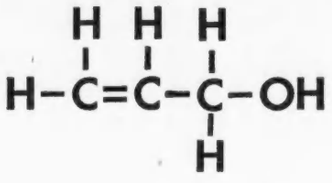
OPD—8-28-1944 2

CARBIDE AND CARBON CHEMICALS CORPORATION

Announces Commercial Production of

Allyl Alcohol



Useful Raw Material for Synthesis

Vitally needed for war production, Allyl Alcohol is now available in commercial quantities from Carbide and Carbon Chemicals Corporation at prices that make it an important intermediate in industrial chemical synthesis.

Although most of the production of Allyl Alcohol is for high-priority uses, it is expected that substantial amounts will now be available for new users and for expanded consumption by those already using this chemical.

PHYSICAL PROPERTIES	
Molecular Weight	58.05
Boiling Point	96.9°C. at 760 mm.
Vapor Pressure	17.3 mm. at 20°C.
Flash Point (open cup)	85°F.
Specific Gravity 20°/4°C.	0.8520
Weight per gal.	7.11 lb. at 20°C.
Water Solubility	Complete

Since it has both a reactive, unsaturated linkage and a hydroxyl group, it has unusual applications as a chemical raw material. It can be converted to acrolein, propionaldehyde, glycerin chlorhydrins, or glycerin itself.

Allyl Alcohol forms esters which can be polymerized alone or with other materials to form resins characterized by great clarity, surface hardness, and ease of fabrication at low pressures. Certain allyl esters are used in perfumes, flavors, and as pharmaceutical intermediates. Allyl halides made from Allyl Alcohol are used for introducing the allyl group into barbiturate sedatives. The halides are also intermediates in the synthesis of the anesthetic cyclopropane.

Write for samples and the latest information on the availability and uses of this versatile chemical.

CARBIDE AND CARBON CHEMICALS CORPORATION

Unit of Union Carbide and Carbon Corporation

30 East 42nd Street UCC New York 17, N. Y.

PRODUCERS OF SYNTHETIC ORGANIC CHEMICALS

Oil, Paint and Drug Reporter

Founded 1871 by William O. Allison *Published by Schnell Publishing Co., Inc.*

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Vol. 146 No. 9 New York 7, N. Y. August 28, 1944

Wilson Quits WPB In Reconversion Clash

OPD Washington Bureau

Charles E. Wilson, executive vice-chairman of the War Production Board and head of its Production Executive Committee, resigned August 24 in a sharply worded letter to President Roosevelt protesting against continued "unfair attacks and criticisms" of his position on reconversion, inspired by subordinates of chairman Donald M. Nelson. His resignation was accepted with regrets by Mr. Roosevelt who said that he had been aware of some of the dissension within WPB, but had hoped that it would disappear.

Lieut. Commander J. A. Krug has been named "acting chairman" of WPB in the absence of Mr. Nelson who is scheduled to make a trip to China where he will be "for several months" on a "pressing" mission for President Roosevelt. Mr. Nelson will be accompanied by Major General Patrick J. Hurley.

Mr. Wilson's resignation came with unexpected suddenness. Only last Saturday he gave the impression to newsmen following a visit to the White House that he was prepared to stay on until the collapse of Germany, in accordance with the wishes of the President. But publication of stories indicating that he was at odds with Mr. Nelson over reconversion and that he would seek to hold back the reconversion program while Mr. Nelson is on a mission to China, led him to decide to resign immediately.

He said that on a number of occasions he had called Mr. Nelson's attention to the articles published about him which put him in an erroneous position and that Mr. Nelson had always promised to do something about it—but it was always "manana." It was recalled that at a recent press conference Mr. Nelson mentioned the reports of dissension with Mr. Wilson on reconversion and denied their existence—but maintained that it be off-the-record.

Mr. Wilson stated that he was as much in favor as anyone else to make

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OPA Rules in Accord With Stabilization Act

OPD Washington Bureau

All OPA price regulations, schedules and orders have been amended with respect to changes in business practices as required by the stabilization extension act of 1944, the Office of Price Administration has announced. This action amends each price regulation, schedule or order issued by the national, regional or district OPA.

The Stabilization Extension Act requires that OPA make no changes in the business practices, cost practices or methods, or means or aid to distribution established in any industry except where such action is affirmatively found by OPA to be necessary to prevent circumvention or evasion of any regulation, order, price schedule, or requirement under the act.

Fireworks Industry Wage On Gov't Work Set

OPD Washington Bureau

The prevailing wage for workers in the fireworks industry, under the provisions of the Walsh-Healey public contracts act, has been set at 40 cents an hour or $16 a week for a week of 40 hours by Secretary of Labor Frances Perkins. The new rate becomes effective with respect to contracts solicited or negotiated after September 8. Presently the prevailing wage is 31¼ cents for the manufacture or supply of commercial fireworks and 37½ cents for the manufacture or supply of fuses, flares, and ship and railroad torpedoes.

The new rate of 40 cents an hour is the same as that for the industry under the Fair Labor Standards Act under an order of the Secretary of February 7, 1944.

Vitamin D Patent Invalidation Lifted

The United States Circuit Court of Appeals in San Francisco August 23 withdrew its ruling of June 30, 1943, which declared invalid the Steenbock vitamin D patents involving the application of ultraviolet solar irradiation.

The Wisconsin Alumni Research Foundation, owner of the Steenbock patents, appealed the invalidating ruling. What effect the court's unusual action of withdrawal has on the status of that request for a rehearing has not yet been determined. The court offered no explanation of its action.

U.S.P. Revisers Study Changes in Style

Several proposals of changes in the style of presenting the contents of the United States Pharmacopeia are being considered by a subgroup of the revision committee. One proposal is that the Latin name of an official article be made secondary to the English name in the U.S.P. monograph, or deleted altogether.

Two changes, advocated by the younger, medical-teacher element of the pharmacopeial convention, are (1) that active therapeutic agents be placed in a section by themselves in the foreword part of the contents; (2) that all the actively medicinal agents, simples and preparations, be classified according to therapeutic applications.

The special committee on these proposals is headed by Dr. E. L. Newcomb, 330 West Forty-second street, New York. It will have a meeting, probably, late in September. Meanwhile it would like to receive comments and suggestions from members of the drug industry and of the medical profession, also from chemists and others who have occasion to make use of the pharmacopeia.

Western Rail Freight Rate 'Trust' Charged

Forty-seven Western railroads and their executives, their financial houses, the Association of American Railroads and the Western Association of Railway Executives were charged with acting collusively to maintain non-competitive transportation rates and to prevent and retard improvements in services and facilities in a complaint filed under the Sherman anti-trust act in the United States District Court at Lincoln, Neb., August 23, by the Department of Justice.

Attorney General Biddle said that although the railroads and many aspects of their business are subject to regulation by the Interstate Commerce Commission, the defendants named in the complaint have gone beyond the bounds of the ICC act to engage in conspiracies to restrain and monopolize trade and commerce in the transportation of freight and passengers in the Western part of the United States which are not authorized by the ICC Act or any other act of congress.

Assistant Attorney General Berge,

—*Continued on page 52*

Freight Deliveries To Be Made Labor Day

Executives of industrial and mercantile establishments who plan to close on Labor Day, September 4, have been warned by Col. J. Monroe Johnson, director of the Office of Defense Transportation, to keep at work a staff large enough to receive incoming freight, especially LCL (less than carload) freight. The Labor Day Monday with the preceding Sunday, September 3, combine to make a two-day holiday.

Gov't Surplus Properties Disposal Plan in Offing

OPD Washington Bureau

Congressional policy on disposal of surplus government property was rapidly taking shape in the senate and house this week, although there were indications August 24 that the two bodies may run into a temporary stalemate before the legislation is finaly enacted over the question of whether direction of disposal shall be placed in the hands of a single administrator or lodged in a board representative of geographical areas and economic interests.

By a voice vote the house approved the Colmer bill (H. R. 5125) August 22 after adopting a number of amendments to the measure. The bill provides for direction of the disposal program by a single administrator. Presumably it will be Will L. Clayton, Houston, Tex., cotton merchant, who is presently temporary War Property Administrator by virtue of Presidential appointment. On the same day the senate military affairs committee reported its own bill (S. 2065) setting up an eight-member board to direct disposal, an began debate on it the next day.

The clash between the senate and house over the administrative responsibility for the program is deep-seated and unless the senate yields before passage of its measure there is every likelihood that the two bills may be hung up in conference. An effort was expected from administration forces in the senate to provide for a single administrator in the senate bill and thus avoid this conflict in conference. House leaders could afford to be adamant in their position for a single administrator, having behind them a vote of 142 to 38 in its favor.

Although a number of amendements were offered to the Colmer bill in the house and quite a few were adopted, the measure is in substantially the same form as when reported last week by the committee on expenditures.

—*Continued on page 52*

WPB Reconversion Plan Blueprinted

OPD Washington Bureau

A blueprint for the orderly reconversion of industry to peacetime operations that will become operative immediately upon the collapse of Germany is now being put into final shape by the Production Executive Committee of the War Production Board.

Disclosing existence of the plan at a press conference called on his sudden resignation as executive vice-chairman of the WPB August 24, Charles E. Wilson said that it is contemplated that radical steps will be taken promptly to free industry of wartime restrictions on production and use of materials so that no time will be lost in absorbing the millions of workers who no longer will be needed in direct war production operations.

When X-day arrives, the plan envisions the removal of all unneeded "L" and "M" orders now controlling production, distribution and enduse of materials, leaving only those in effect as will assure the ready availability of materials to carry on the war with Japan. It is estimated by experts that this job can be done on a munitions production level of between $35,000,000 and $40,000,000 a year.

While the CMP will be continued in operation its usefulness will be greatly minimized and scheduling will be reduced to the point of assuring maximum of employment in industries producing for civilians and to make certain that those industries producing the most essential of the presently

—*Continued on page 52*

Resources Development Along Missouri Urged

OPD Washington Bureau

A bill to establish a Missouri Valley Authority, patterned after the TVA, to provide for unified water control and resource development in the Missouri river and surrounding region was introduced in the senate August 18 by Senator James E. Murray of Montana. The bill (S. 2089) was referred to the committee on agriculture.

The bill covers flood control, power development, reclamation and irrigation, navigation, preservation of soil fertility, development of industry, and utilization of natural resources. Although no specific reference is made to production of fertilizers, it is generally conceded that the bill would empower the authority to engage in production of fertilizers for "demonstration purposes" in the same manner as this work is now carried on by TVA.

The bill states in section 15 that the authority (corporation, it is called in

—*Continued on page 52*

Distribution Conference In Boston Oct. 16-17

The sixteenth annual Boston Conference on Distribution will be held October 16 and 17 in the Hotel Statler, Boston. The main themes of the conference, are "Foreign Trade Relations Affecting Our Future," "Coming Changes in Distribution," and "Government Surpluses and the Market." The conference will be open to all who are interested in following economic trends affecting business.

War Contractors to Get Loans on Frozen Assets

OPD Washington Bureau

Uniform procedures for Federal Reserve bank guarantee of termination loans (T-loans) made by commercial banks to contractors whose war contracts are cancelled have been prescribed by Robert H. Hinckley, Director of Contract Settlement, in his first general regulation. T-loans enable any war contractor to convert into cash at his local bank approximately 90 percent of the sound value of his war assets frozen by contract termination. The lending bank, in turn, is protected on its loan by Federal Reserve bank guarantee. Subcontractors, as well as prime contractors, are eligible for T-loans.

The procedures promulgated as regulation No. 1 of the Office of Contract Settlement were formulated by a committee made up of representatives of the War Department, Navy Department, United States Maritime Commission, and the Federal Reserve Board and were approved by the Contract Settlement Advisory Board established by the Contract Settlement Act of 1944.

Mr. Hinckley said that to speed up the granting of small loans in the field, the Federal Reserve banks, as fiscal agents, have been authorized to approve T-loan guarantees totaling $500,000 or less to a single borrower.

Subcontractors to Meet On Contract Termination

OPD Washington Bureau

Under the joint sponsorship of the Smaller War Plants Corporation and Army and Navy procurement officers, meetings of subcontractors and smaller prime contractors will soon be held in all parts of the country, it has been announced by those agencies. The purpose of the meetings is to interest contractors in making preparation for contract settlement and to convey basic information on the principal elements of contract termination procedures.

OPD Price Index

The Oil, Paint and Drug Reporter's relative record of prices for chemicals and related materials is currently as follows:—

Aug. 25, 1944	Aug. 18, 1944	Aug. 27, 1943
136.4	**137.1**	**137.5**

The base of the OPD Price Index is the average of prices in 1926 and 1936, those years representing extremes of price undulations in the interwar period.

Price reductions were the rule among last week's activities in the markets for chemicals, oils, and drugs. Chiefly they marked the botanical and aromatics divisions. Their net effect was to push the general average back to its midyear level and well below the comparable 1943 mark. Essential oils remain the only group that is dearer than a year ago.

Civilian buying is not showing any substantial stimulation. The reconversion upheaval in WPB leaves everybody still deeper in doubt as to whether even materials, to say nothing of manpower, will be available.

Bids Wanted

Antifreeze Solution:—3,285 gallons as required by the Indian Service during the fiscal year 1945, Purchasing Officer, Interior Department, Washington (25); schedule 22, opening September 5.

Brushes:—1,800, Treasury Department, Procurement Division, Washington (25); invitation 24729-18, opening August 29.

Calcium Chloride, Hydrated:—Business Manager, Justice-Bureau of Prisons-Medical Center for Federal Prisoners, Springfield, Mo.; invitation 17-1114, opening August 30.

Chromic Acid, Purified:—1,200 pounds, Purchasing Agent, Bureau of Engraving & Printing, Washington (25); invitation BEP-130, opening August 29.

Containers, Corrugated:—20,000, Purchasing Agent, Government Printing Office, Washington (25); opening August 28.

Crayons, Wax:—Supplies of, Commissioners, D. C., District Government, Washington (4); schedule 5848-A, opening September 5.

Enamel:—400 gallons, Treasury Department, Procurement Division, San Francisco (2) Calif.; invitation SF-1114-45, opening August 31.

Laboratory Equipment:—Division of Purchase, Sales and Traffic, Department of Agriculture, Washington (25); invitation 142-45, opening August 29.

Lead, White:—2,500 pounds, Chief Clerk, Department of Justice, Federal Reformatory, Chillicothe, Ohio; invitation 5-1945, opening August 28.

Linseed Oil:—Treasury Department, Procurement Division, San Francisco (2) Calif.; invitation SF-1110-45, opening August 29.

Medical Supplies:—Purchasing Officer, Interior Department, Indian Service Warehouse, Chicago 9, Ill.; schedule 18 and 24, opening September 12.

Paints:—Chief Clerk, Justice-Prisons, Federal Correctional Institution, Englewood, Colo.; invitation 30-1152, opening September 2.

Paint:—Treasury Department, Procurement Division, San Francisco (2) Calif.; SF-1104-45, opening August 28.

Paint, Cement-water: — 1,000 pounds powder, Warden, Justice-Prisons, Federal Reformatory, Petersburg, Va.; invitation 9-1982, opening September 1.

Petroleum:—1,000 asphalt, Supply Officer, Veterans Administration, Minneapolis (6) Minn.; invitation 45-44, opening August 28.

Soap:—Procurement Division, Veterans Administration, Washington (25); invitation 28-S, opening August 31.

Soap:—Department of Justice, Associate Assistant Director, Bureau of Prisons, Washington 25; 500 cases toilet soap, various deliveries October 1 to December 31, invitation 3601; opening August 30.

Soap Powder:—6,250 pounds for Mountain Home, Tenn., Procurement Division, Veterans Administration, Washington (25); invitation 19-S, opening August 28.

Wax:—Veterans Administration, Procurement Division, Washington 25; 3,000 ½-pound boxes plate wax, for Perry Point, Md., invitation D-25; opening August 30.

Rosin Price-Fixing Order Near Completion

OPD Washington Bureau

The proposed new, permanent ceiling price regulation for gum rosin was understood August 25 to have been completed by the Office of Price Administration, but its issuance was being held up pending clearance of the order with other interested government agencies. The regulation was forwarded August 25 to the War Food Administration for final checkup and OPA officials expressed the hope that this would be completed not later than Saturday so that the order can become effective immediately upon termination of the temporary ceilings August 27.

Until the order has received final clearance, officials were not at liberty to discuss its contents publicly.

Controlled Materials Sales Policy Stated

The War Production Board's policy, announced August 19, on special sales of idle and excess controlled materials on an excess allotment authorization, provides that sales of idle and excess controlled materials under priorities regulation No. 13 will not be authorized on an excess allotment basis if the proposed use of materials or products would interfere with war production or labor supply needed for war production.

Special sales are those made by a person holding material in a form different from that in which he usually sells it.

As most sales of idle and excess controlled materials are made to persons who are directly engaged in war production for the army, the navy, or the United States Maritime Commission, or in essential civilian production, labor checks will not have to be made in such cases, it was explained. When idle and excess materials are sold for use under the spot authorization rules, contained in priorities regulation No. 25, labor checks will be made in connection with the spot procedure and will not be required for authorization of special sales.

In addition, WPB points out specifically that its rules govern the sales of surplus materials by government disposal agencies. This is merely a clarifying amendment. The applicability of priorities regulation No. 13 rules to surplus material sales had been questioned.

Lists in the regulation have also been modified to change the conditions under which special sales of various finished and semifinished products and raw materials may be made. Other changes in the rules applicable to special sales of specific items of finished and semifinished products and raw materials have been made to conform them to current supply conditions.

WPB Procurement Policy Formulated

In a move to stimulate production of important materials and parts needed in war production, the Procurement Policy Board, a War Production Board committee composed of representatives of WPB, the Army, Navy, Treasury Department and other contracting agencies, has published policies for the protection of manufacturers of materials and components.

The Procurement Policy Board has adopted the following four major principles to meet the needs of this important group of manufacturers:—

1. Component and material manufacturers will be encouraged to require war contractors and subcontractors with whom they deal to place orders for components and materials long enough in advance to give protection during the necessary period of production.

2. The contracting agencies will insist that war contractors and subcontractors place such orders reasonably in advance and in amounts sufficient to enable them to meet the requirements of their own contracts.

Dow Favors Abrupt End To Government Controls

Following the line of his recent request to Donald M. Nelson a few days ago that the War Production Board remove all of its controls from magnesiums, because they were no longer necessary for war purposes, Dr. Willard H. Dow August 24 told the stockholders of the Dow Chemical Company at the forty-seventh annual meeting:—

When the war is over, the need for regulations will cease, and even before the war is finished we should drop such regulations as are no longer necessary for war purposes, for their continuance only delays our transition into the peace. There may be a shock in suddenly dropping the war controls, but not until every control is removed can we have the free, open and competitive market in which the customer rules. That is the only kind of market that will give us a free and prosperous America. The longer we delay stepping forward into freedom the greater will be the eventual shock.

Obituaries

Rutger Bleecker

Rutger Bleecker, head of the New York importing firm bearing his name, died August 24 at Massapequa, L. I. He was seventy-three years of age. Surviving are his wife, two sons and a daughter.

William J. Gillespie, district credit manager for the Sun Oil Company, Newark, died in Westfield, N. J., August 21. He was forty-five years of age.

Sergeant Sam Levine, a former laboratory assistant in the customer service division of the Paramet Corporation, Long Island City, was killed on the Normandy beachhead June 13. Sgt. Levine had seen action in Africa and Italy before the invasion of Normandy. In Africa he won the Silver Star.

John Elmore Minor, who retired last Winter as purchasing agent for the Cerro dePasco Copper Corporation, New York, died August 6 in St. Petersburg, Fla. He was fifty-eight years old and left a widow and one son, Pfc. Robert Clifton Minor, USAAF.

F.T.C. Order Against Corn Products Upheld

OPD Washington Bureau

The United States Circuit Court of Appeals for the Seventh Circuit at Chicago has denied the petition of the Corn Products Refining Company and its sales subsidiary, Corn Products Sales Company, New York, for a rehearing of the court's decision upholding the order issued by the Federal Trade Commission to cease and desist from discriminating in price, in services and facilities and from exclusive dealing arrangements in violation of the Robinson-Patman and Clayton acts in connection with the sale of products resulting from the grinding and refining of corn, such as bulk glucose or corn syrup, corn starch and starch products, dextrose and corn gluten feed and meal.

The commission order, which was affirmed by the Seventh Circuit Court last July, also directed the respondents to cease furnishing advertising services to the Curtiss Candy Company, when such services or facilities are not accorded to all competing purchasers on proportionally equal terms or furthering any agreements or understandings that certain purchasers shall not deal in products of the respondents' competitors.

Styrene Allocation Lifted by WPB

OPD Washington Bureau

Allocation controls were removed August 25 by the War Production Board from civilian production of styrene and butadiene because of a better supply situation, resulting from improved production technic. Allocation control was lifted by revoking order M-178 on butadiene and by amendment to schedule 18 (styrene and dichlorostyrene) of order M-300.

Stein, Hall Elects Edwin Stein President

Edwin Stein has been elected president of Stein, Hall & Co., manufacturer and distributor of starches, gums and dextrines, New York. He fills a vacancy caused by death of Frank G. Hall. Morris S. Rosenthal succeeds Mr. Stein as executive vice-president and Arthur L. Strasser becomes chairman of the board. Dr. Alexander Frieden, technical director, has been elected a vice-president. J. G. Golstein continues as treasurer and Robert M. Stein is secretary.

Petroleum Gas Plant Repair Rules Revised

Distributors and marketers of liquefied petroleum gases may now use materials for maintenance and repair or construction of new structures required in the operation of these businesses by obtaining authorization under limitation order L-86, which is administered by PAW.

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Mann Opens N.Y. Office

Mann Fine Chemicals, Inc., manufacturer of medicinal chemicals, has opened offices in New York at 136 Liberty street. Telephone: BEekman 3-3274-5.

Oil, Paint and Drug Reporter, Vol. 146, No. 9, August 28, 1944. Published weekly by Schnell Publishing Company, Inc., 59 John St., New York 7, N. Y., U. S. A. Tel. REctor 2-9820. Subscription price:—United States and possessions, Cuba, Mexico, Central America and South America, $5; Canada and Newfoundland, $7; other countries, $10. Entered as second-class matter, January 15, 1884, at the New York Post Office under the act of March 3, 1879. Copyright, 1944, by Schnell Publishing Company, Inc.

Washington Talks It Over

Observations • Prognostications • Developments

By OPD Observer

President Roosevelt's latest report on lend-lease operations and its discussions of the value of lend-lease goods in terms of dollars and lives has set a lot of tongues wagging over the question of whether Mr. Roosevelt is not to be expected soon to suggest that the United States forget all about the tanks, guns, planes, and ships that have been sent to our allies.

There is much room for speculation along this line for the report seems to go out of the way to emphasize that the ultimate recipients of lend-lease supplies are not our allies, but are the Germans and Japs. It cites the case of a bomb, for example. Because the bomb is turned over to the British the dollar cost goes into the books as lend-lease aid to the U. K. But the British don't keep it. They drop it on our enemies. If that same bomb had been sent to our air forces and dropped on Germany or Japan, it would have been charged up to the army air forces' own procurement costs.

There are a lot of people who admit the soundness of this argument and are ready to forgive the cost of any bombs, or tanks, or ships that have been turned over and used to kill off the Japs and Germans, but they ask—what about those that are not so used? Are we to charge those off the books too?. And that's where the argument starts.

Postwar Export Doubts

All the forecasts and estimates of experts that the United States will enjoy a boomtime period in foreign trade after the war because we will have to supply Europe and Asia with the materials to rebuild their destroyed areas read well in print—but they just don't seem to add up in the opinion of some people here.

What these doubters want to know is where is all the money coming from in Europe and Asia to buy these materials. Most of the countries couldn't pay the debts owed us before the war; so, how can they be expected to be able to buy anything after the war? they ask. Of course, the answer is that they will have to buy on credit. Eric Johnston, president of the national chamber of commerce, hopes that the business community will see its way clear to extend this credit on long terms.

Farmers Lift Mortgages

Indications are that far fewer farms will go under the hammer at the end of this war than at the close of World War I. Farmers are using their good incomes from record-breaking crops to pay off mortgages and put themselves in a better position economically to face rainy days.

From 1940 to 1944 there has been a decline of nearly a billion dollars in the total of farm mortgages. January 1, 1944, the farm mortgage debt was almost 8 percent below that of a year earlier, 14.4 percent below the total at January 1, 1940, and almost 48 percent below the peak total in 1923. At the beginning of 1918, roughly four years after the outbreak of World War I, the farm mortgage debt was $5,536,860,000, against an estimated total of $5,634,772,000 at the beginning of 1944.

Wage Boosts Mandatory

It makes no difference whether a company is financially able to pay an increase in wages or not; it must pay the increase if justified on other grounds, even if it is compelled to borrow money to do so. This is the policy that is being followed by the National War Labor Board.

In a case involving the Acme Rubber Company, of Trenton, N. J., and the United Rubber Workers of America, CIO, on the question whether a 3-cent-an-hour increase in wages allowed last November should be made retroactive to November 1, 1942, the majority of the board concludes:—

It has been the policy of this board to ignore the financial position of the employer in settling labor disputes over wage issues. The wage stabilization act and the war labor disputes act, which we administer, do not make the financial position of the employer a factor to be taken into consideration in determining the wage rates to be paid in wartime. Were a contrary rule applied, it would, of course, have to work both ways. While some employers would gain because, even at this time they are not doing well, more of them would suffer because their present larger-than-normal profits would warrant increases in wage rates beyond those which we have been allowing. This would defeat wage stabilization and make a nullity of the congressional policy.

WPB Secrecy Sought

WPB Chairman Nelson is asking Congress to tighten up the law for control of confidential business data submitted to WPB, so that business men can be assured that any trade secrets disclosed to officials will remain secret from their competitors. At the present time the penalties against release of confidential information submitted to WPB apply only to information of a military nature. Trade secrets of industry as such are not covered.

A bill (H.R. 5188) introduced by Chairman Hatton Sumners of the house judiciary committee for Mr. Nelson states that any employee of WPB who divulges any information submitted in confidence can be fired forthwith and fined $1.000 and thrown in jail for a year. Chances are that the bill will be acted on favorably by the committee soon.

Government Pay Boost

Washington hears reports that a move may be launched right after the November elections to have the salaries of members of Congress and top-flight government administrators placed more nearly on a par with salaries paid in industry in an effort to attract and hold capable people in the government service.

The suggestion is being made that salaries of cabinet officers be raised to $20,000 from $15,000, members of Congress jumped from $10,000 to $15,000, and the classification act level be raised from $10,000 to $15,000 for the executive branch.

It will be pointed out that government salaries in the higher brackets can't compare with those paid by industry; that the British have found it wise to pay its top people good salaries; and that scores of good people recruited from industry would stay and make careers of government work if they were paid something approaching the money they could make in industry.

Fire Prevention Essential

The week of October 8 to 14 has been designated by President Roosevelt as Fire-Prevention Week. More than passing attention should be given to the observance of this week this year because of the great need for an uninterrupted abundant flow of goods and materials to the war fronts.

Industrial fires increased heavily in 1943 and 1944, and have taken an enormous toll of warplants and supplies at a time when manpower is exceedingly critical. Many of these fire losses have resulted from great concentrations of values, speedup of production, use of untrained employees, and erection of poorly constructed buildings with inadequate protection.

Today when many civilian supplies and goods are rationed, it is the patriotic duty of every person and organization to give fullest cooperation for elimination of fire hazards and for providing adequate protection against fire.

Jacobson Quits OPA

OPD Washington Bureau

Jerome J. Jacobson, acting chief counsel of the pork, sausage, fats, and oils price section of the Office of Price Administration, has resigned to become price control specialist for the Balkan Mission of the United Nations Relief and Rehabilitation Administration. His headquarters will be in Cairo, Egypt.

WPB Stockpiles Reexamination Ordered

OPD Washington Bureau

Stockpile inventories of critical and essential materials are to be cutback generally to a three-months level in the case of materials of domestic production and to a six-months level in the case of imported materials, it was revealed August 22 by Arthur H. Bunker, WPB Deputy Executive Vice-Chairman.

Mr. Bunker said that all WPB division directors have been directed to reexamine their stockpile and public purchase programs and to review their estimates of proper reserve stocks for each program and to use as a general yardstick of safe reserve stock, one equaling either three months' total requirements or six months' import requirements, which ever may be larger.

Purpose of the move is to release manpower for more essential work, it was stated, through avoidance of unnecessary importations and the undesirability of carrying large stocks over into the peacetime period. Whether the action will mean any increase in civilian production through the release of larger quantities of dammed-up stocks, however, could not be determined in view of the man-

—Continued on page 52

Latin-American Cargo Control Eased by FEA

OPD Washington Bureau

The Foreign Economic Administration has announced that it will no longer be necessary to file a Statement of Cargo Availability with the Requirements and Supply Branch to cover shipments of materials and commodities, except newsprint, to the following ten Latin-American Republics after September 1:—

Costa Rica, Cuba, Dominican Republic, El Salvador, Guatemala, Haiti, Honduras, Mexico, Nicaragua and Panama.

With respect to all other Latin-American countries, except Argentina, a Statement of Cargo Availability will be required only for shipments weighing 10,000 pounds or more. In the case of Argentina, the present requirement of Statements of Cargo Availability for shipments weighing 2,240 pounds or over will remain in effect.

Effect of the action is to permit exporters to make freight space bookings directly with steamship companies.

Fiber Drums Priority Ratings Advocated

OPD Washington Bureau

The Fiber Drum Industry Advisory Committee, at a recent meeting, recommended that a separate order be issued setting up priority ratings of fiber drums, the War Production Board has announced.

Fiber drums, used almost entirely for bulk shipments, now come under order P-146, which also establishes ratings for fiber boxes. Since drums are a specialized and comparatively small part of the fiber container industry, committee members believe that a separate rating order would simplify reference and reduce special inquiries to WPB. Industry representatives also discussed proposed routine changes in the fiber shipping drum order L-337.

Reagent Chemicals Dollar Quota Revised by WPB

OPD Washington Bureau

The War Production Board has relaxed the dollar quota restriction from the purchase of chemicals for laboratory use by amending order P-135. Persons in the business of conducting scientific or technological investigation and experiments are entitled to an AA-2 rating to buy material to be used in such work. Also included in the AA-2 category are distributors and producers of reagent chemicals.

AA-1 preference ratings for reagent chemicals are assigned to laboratories that hold a serial number under Preference Rating Order P-43 (Laboratories), and to Army and Navy laboratories. Under the amendment, reagent chemicals may be purchased with such ratings without any limitation as to the quantity.

Reused Steel Drums Price Ceilings Set

OPD Washington Bureau

Establishment of dollars-and-cents ceilings covering charges for the reconditioning of used steel drums of 29 to 58-gallon capacity and prices at which both emptiers and resellers can sell used and reconditioned containers of 7 gallons and upward capacity have been issued by the Office of Price Administration, effective August 29.

The reconditioning service ceilings are 90 cents and $1.40 per drum for "basic" and "total" reconditioning respectively. These ceilings are country-wide except in Washington, Oregon and California, where, because of higher costs, the ceilings are $1.10 and $1.65 per drum for "basic" and "total" reconditioning, respectively.

At the same time, OPA established a special pricing method to cover the conversion of used tight head drums to open head drums, whereby reconditioners are required to submit their prices for this operation to the OPA Iron and Steel Branch, Washington, D. C., for advance approval. As this operation is new to the industry, no cost data are available to OPA upon which it can establish a uniform dollars-and-cents ceiling price.

Ceilings are established for the sale of used and reconditioned containers in two size categories—of 7 to 20 gallons capacity inclusive and of more than 20 gallons—as follows:—

Maximum prices (per container)	7-20 gals. incl.	Over 20 gals.
Raw used containers—		
When sold by emptier	15c.	25c.
When sold by reseller	25c.	35c.
Reconditioned containers—		
Basically reconditioned	40c.	50c.
Totally reconditioned	65c.	75c.

Other changes provided by this action follow:—

Upon application to OPA, prices of drums not specifically priced in the

—Continued on page 62

5-Gal. Cans Offered By Treasury Dept.

OPD Washington Bureau

The Office of Surplus Property in the Procurement Division of the Treasury Department announces that it is offering for immediate sale approximately 1,500,000 5-gallon steel cans made for the armed forces and now declared surplus.

They are made of 20-gauge steel, 13½x6⅝x18¼ inches, solid welded construction. They have an easy-pouring spout, air vent for quick filling and emptying, leak-tight lock with tight seal to eliminate evaporation.

The price of 75c. per can is offered to all organizations recognized as wholesalers, jobbers or distributors by the national wholesale association of each trade; a price of 80c. to nationally operated mail order houses, can reconditioners who buy for resale to retail dealers or end-users; oil and paint companies; or any industrial which buys for resale to their branches or other affiliated retail outlets; 90c. to all buyers of any other class of trade.

The cans will be sold in carload lots of 4,000 f.o.b. from warehouse nearest to buyer, if possible. Loading charges will be absorbed by the government. The cans are now located in New Cumberland, Pa., Midvale, Utah, and Mira Loma, Calif.

Steel for Cans Quota Studied by Can Makers

Fourth-quarter allocation of steel for cans and the more efficient utilization by the industry of blackplate rejects and tin mill "waste waste" (mill seconds) were discussed at a recent meeting of the Can Manufacturers' Industry Advisory Committee, the War Production Board has announced.

Allocation to the industry, for fourth-quarter production, is now established by WPB as 452,000 tons of prime plate and 10,000 tons of rejects. Committee members asked for a postponement of full discussion of the allocation until the September meeting, when the size of the late summer fruit and vegetable pack will be known. During the fourth quarter, can manufacturers start making containers for the next year's perishable food pack. Any unused metal inventories, carried over from the third quarter if demand should run under top estimates, would have an important bearing on the industry's fourth-quarter metal supply.

3 STABLE FORMS OF HYDROXYLAMINE

Properties of Hydroxylammonium Salts

NAME	Hydroxylammonium acid sulfate	Hydroxylammonium sulfate	Hydroxylammonium chloride
FORMULA	$NH_2OH \cdot H_2SO_4$	$(NH_2OH)_2 \cdot H_2SO_4$	$NH_2OH \cdot HCL$
Molecular Weight	131.11	164.14	69.50
Approximate Specific Gravity	1.83	0.91	0.62
Melting Point, °C	Indefinite	162 d.	152 d.
pH of 0.1 M Aqueous Solution at 25°C	1.6	3.5	3.4
*Solubility—g/100g at 25°C			
In Water	390 Approx.	63.9	94.7
In Methanol	20.2	0.1	17.5
In Ethanol, 95%	4.3	0.2	10.5
In Ethanol, Absolute	6.3	0.1	6.6
In Butanol	2.2	0.03	0.6

*These Hydroxylammonium salts are only very slightly soluble in ethers, esters, and aliphatic or aromatic hydrocarbons.

A Powerful Reducing Agent

HYDROXYLAMINE in stable form . . . manufactured from the Nitroparaffins . . . is now available at reasonable prices. It is useful in removal and purification of aldehydes and ketones . . . as an analytical reagent . . . as a resin catalyst, rubber accelerator, flotation agent . . . in the preparation of nitriles, acid amides, isoxazoles, metal complexes, barbituric acid derivatives, and other compounds used in pharmaceuticals, dyestuffs, photographic chemicals, insecticides, and antiseptics. Larger postwar production and lower prices warrant re-examination of the possibilities of Hydroxylamine. Write our Technical Service Division for samples.

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Army and Navy Research Reorganization Proposed

OPD Washington Bureau

Two bills to consolidate and expand the research activities of the army and the navy have been introduced in the house and are now under consideration by the committees on naval and military affairs. H. R. 5174, introduced by Representative Harry R. Sheppard of California, creates an office of naval research and development in the Navy Department, and H. R. 5182, introduced by Representative J. Buell Snyder of Pennsylvania, creates an office of military research and development in the War Department.

Both bills are identical in language and provide that the offices be headed by a director to be appointed by the President for a four-year term. Provision is also made for detailing at least one officer of the medical department, quartermaster corps, and army air corps to the office of military research director, and officers from comparable departments in the navy to the office of the naval research director.

The duties of the directors would be to give general supervision to all research and development work in their respective departments; to coordinate research and development; to approve all new projects and places where research or development shall be undertaken; to represent their respective departments in meetings on research with other government agencies; to recommend abolition of existing duplicating facilities; and, upon approval of the respective secretary, to require the initiation of fundamental research.

Agricultural Research By United Nations Asked

Creation of an international organization to conduct world-wide research in food and non-food agricultural products to promote greater and more intelligent use of farm products, including those of the forests and fisheries; to collect and disseminate information on agriculture and its products, and to recommend adoption of international policies with respect to agricultural commodity arrangements, was proposed August 23 by the United Nations Interim Commission on Food and Agriculture.

The report of the commission, which is based on recommendations and discussions had at the United Nations Food Conference held at Hot Springs, Va., in May, 1943, points out that recent discoveries and developments in the fields of nutrition and new uses for agricultural products shows that we have only begun to scratch the surface of scientific achievements and for the good of the world as a whole this work should be continued as a joint effort of all nations.

General Mills Appoints Hovey to Research Post

Almon G. Hovey has been placed in charge of the new chemicals development section of the research laboratories of General Mills, Inc., Minneapolis, Minn.

Mr. Hovey was previously associated with the General Electric Company, Schenectady, N. Y., for nine years, beginning in 1924, where he was engaged in research on insulation, resins, coating materials, plastics and adhesives. In 1933 he became director of research for Beck, Koller & Co., synthetic resin manufacturer, Detroit, Mich., which later became Reichhold Chemicals, Inc. For the past year he has been in charge of the patent division in addition to the coating resin division of the organization.

Dr. Fin Sparre to Retire From du Pont Post

Dr. Fin Sparre, director of the development department of E. I. du Pont de Nemours & Co., Wilmington, Del., since 1919, will retire from active service August 31 after forty-one years in the company's employ. He will retain his membership on the board of directors. Ernest K. Gladding, manager of the nylon division, has been appointed to succeed Dr. Sparre.

Agricultural Insecticide Group to Meet Sept. 6-8

The eleventh annual meeting of the Agricultural Insecticide and Fungicide Association will be held in the Essex and Sussex hotel, Spring Lake, N. J., September 6 to 8. The business portion of the program follows:—

Wednesday, September 6

"The Next Five Years," by Wheeler McMillen, editor, *The Farm Journal*.

"The Importance of Method in Insecticide and Fungicide Application," by Prof. Ray Hutson, of Michigan State College of Agriculture.

"The Information Program." This is a report by the membership and information committee, Ernest Hart, chairman.

Open forum:—Introduction of new members, guests and visitors.

Thursday, September 7

"Looking Forward," by S. A. Rohwer, assistant chief, Bureau of Entomology and Plant Quarantine.

"Federal Insecticide Act of 1910," by Harry Reed, chief, Livestock and Meats Branch, War Food Administration.

"Labels and Precautionary Information," by Warren N. Watson, secretary of the Manufacturing Chemists Association.

Report of the legislative committee by Walter S. Gavan, chairman.

Closed session for members—Report of membership and information committee; recommendation of changes to by-laws.

Friday, September 8

"WFA Program for 1944-45," Philip H. Groggins, chief, Chemicals and Fertilizers Division.

"WPB Program for 1944-45," Mr. John A. Rodda, chief, Chemicals Bureau, Inorganics Branch.

"OPA Policies," Dr. Mortimer Leonard, business specialist, and C. F. McIsaac, section counsel.

"FEA Policies," J. A. R. Dalley, acting chief, Chemical Division.

"Cooperation Between the Members of the Insecticide Industry and Entomologists," by John T. Creighton, Florida, E. W. Laake, Texas, and C. H. Alden, Georgia.

Report of the technical committee, Dr. Alfred Weed.

Chemical Interests Vested by APC

Vesting order 2172 turns over to the Alien Property Custodian the 500-share capital of the Hydronaphthene Corporation, declared to be "beneficially owned" by Deutsche Hydrierwerke A.G. although registered in the name of Lervis H. Marks, and all interests of the corporation in connection with an agreement with "Patchem" Aktiengesellschaft zur Beteiligung an Patenten und Sonstigen Erfindungsrechten auf Chemische Verfahren. The vested interests include United States patent 1,823,815.

Vesting order 2173 turns over to the Alien Property Custodian the 5,000-shares capital of the American Hyalsol Corporation, registered in the name of Lervis H. Marks but declared to be "beneficially owned" by Deutsche Hydrierwerke A.G. and Bohme Fettchemie G.m.b.H., and all interests of the corporation in connection with an agreement with Unichem Chemikalen Handelsgesellechaft A.G. The interests vested include United States patent 1,840,349.

Chrysler Inaugurates Chemical Research

Dr. Orlan McGrew Arnold, formerly professor of chemistry at Rensselaer Polytechnic Institute, has joined Chrysler Corporation, Detroit, according to Carl Breer, director of research for Chrysler. Dr. Arnold will set up a new special laboratory. Dr. Arnold will experiment with the molecular structure of oil, looking to improved lubrication; the molecular structure of paint, to make it adhere more firmly to all surfaces; the molecular structure of plastics, to make them stronger, and the refinement of insulation materials, textiles and other materials.

Baruch to Address A.C.S. September 13

Bernard M. Baruch will be the principal speaker at a dinner of the American Chemical Society in the Waldorf Astoria hotel, New York, September 13. Thomas Midgley, jr., president of the society and vice-president of the Ethyl Corporation, will preside.

Industrial Applications of Chemicals and Related Materials

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(Parenthetic figures are the numbers of patents in the United States or other countries; as designated)

5-Alphaphenylisopropylmetacresol

Disinfectant—Claimed (U.S. 2247402, 2247403, and 2247404) as germicidal agent

Insecticide and Fungicide—Claimed (U.S. 2247402, 2247403, and 2247404) as insecticide and fungicide

Miscellaneous—Claimed (U.S. 2247402, 2247403, and 2247404) as an antioxidant

Betamethoxypropyl Beta-2-furylacrylate

Rubber — Starting point (Brit. 516776) in making polymerized products with ethylene or its methyl derivatives

Starting point (Brit. 516776) in making polymerized products (latex) which can be coagulated to rubber-like materials and are claimed to be compoundable and vulcanizable, to have better resistance than natural rubber to oils and solvents, and to be tough and resilient

Betapara(alpha-alphagamma-gammatetramethylbutyl)-phenoxyethoxyethyl-dimethylamine

Adhesives — Wetting agent (U.S. 2229024) in various adhesive preparations

Chemical — Wetting agent (U.S. 2229024) in making emulsions of various chemicals, textile lubricants

Cosmetic — Wetting agent (U.S. 2229024) in creams, hand lotions, and the like

Disinfectant — Wetting agent (U.S. 2229024) in disinfecting and germicidal compositions

Dry Cleaning—Wetting agent (U.S. 2229024) in dry-cleaning solutions

Dye—Wetting agent (U.S. 229024)

Fats, Oils, and Waxes — Wetting agent (U.S. 2229024) in boring, cutting, drilling, and wire-drawing oils, greasing and lubricating compositions, sulphonated oils, wax preparations

Firefighting — Wetting agent (U.S. 2229024) in solutions for extinguishing brush fires

Ink—Wetting agent (U.S. 2229024) in lithographic, printing, and writing inks

Insecticide and Fungicide—Wetting agent (U.S. 2229024) in insecticidal and fungicidal compositions, horticultural sprays

Leather — Wetting agent (U.S. 2229024) in dressing, fat-liquoring, finishing, soaking, softening, tanning, and waterproofing compositions

Metallurgical—Wetting agent (U.S. 2229024) in metalplating processes, metal-cleaning baths, scouring agents for metals, solvent degreasing processes

Miscellaneous—Modifier of surface tension of liquids in various products and processes

Softening agent for fibers

Wetting agent (US. 2229024) in beer-glass coasters, cleaning compositions for windows, glassware, rugs, and upholstery, embalming fluids, ink removers, polishing compositions for furniture, automobiles, metals, wood, glass, shoes, and other articles, soldering fluxes, various processes involving aqueous solutions, such as soaking, washing, impregnating, penetrating, and wetting, wallpaper removers, waterproofing compositions, water sprays for settling dust

Paint, Varnish, and Lacquer—Wetting agent (U.S. 2229024) in lacquers, paints, and varnishes, and pigment manufacture

Paper—Wetting agent (U.S. 2229024) in beater operations, dye liquors, felt conditioning, felt-cleaning agents, sizing compositions, waterproofing compositions, waxing compositions

Petroleum — Wetting agent (U.S. 2229024) in acid treatment of oilwells, cutting oils, mineral oil, pitch, and tar compositions

Pharmaceutical—Suggested as wetting agent (U.S. 2229024) in oral antiseptics

Photographic—Wetting agent (U.S. 2229024) in blueprint and photographic processes

Rubber — Wetting agent (U.S. 2229024) in cements

Soap—Wetting agent (U.S. 2229024) in detergent compositions and textile soaps

Textile—Softening agent for fibers

Wetting agent (U.S. 2229024) in bleaching, boiling-off, bowking, carbonizing, degumming, dyeing, fulling, kier-boiling, mercerizing, and soaking baths, coating, degreasing, oiling, scouring, sizing, spinning, washing, waterproofing, and waxing compositions, printing pastes

5:8-Dinitro-3-hydroxy-1:4'-nitroalphanaphthyltetrahydroquinolin

Dye—Starting point (U.S. 2251922) in making orange dyes for cellulose acetate by condensing with chloronitrobenzene and/or chloronitro naphthalene compounds

Orthonitrophenyl Amylsulphide

Petroleum — Addition agent (U.S. 2134432, 2134433, 2134435, and 2134436) for lubricants for bearing surfaces, one of which is an alloy of cadmium or copper, of internal-combustion engines

Pelargonyl Peroxide

Chemical—Catalyst in polymerization processes

Polyvinyl Chloride

(Additional uses supplementary to those published in Oil, Paint and Drug Reporter *June 7, 1943)*

Abrasives—Binder in grinding discs and wheels

Adhesives—Starting point in making adhesives for hatmaking and other uses

Cosmetic—Cap-lining agent for containers

Disinfectant—Cap-lining agent for containers

Food—Cap-lining agent for containers for solids and liquids

Coating and lining agent for containers

Packaging agent for foodstuffs

Wrapping agent for foodstuffs

Miscellaneous — Coating agent for desalination bags, oxygen tanks, tobacco pouches

Material for making filter cloth, transportation upholstery fabrics

Optical—Material for making optical tubing

Pharmaceutical — Cap-lining agent for containers

Plastics—Material for making combs, industrial eyeshields, recordings for the blind and other purposes, thermometer tubes, watch crystals

Plumbing—Coating agent for toilet-tank floats

Material for making plumbing supplies

8:2'-Pyridylquinolin

Pharmaceutical—Claimed (Brit. 544190) to have valuable therapeutic properties

Thiocyanomethyl Phenylbenzylether

Insecticide and Fungicide — Toxic agent (U.S. 2213216) in insecticidal compositions

Data similar to those above on Uses and Applications of **5167** *Chemicals and Related Industrial Materials in one 665-page book* **$10**

OPD—8-28-1944

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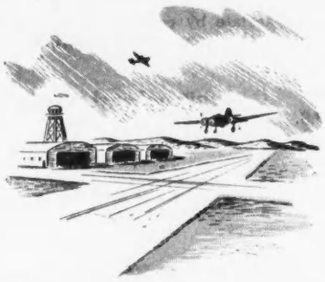
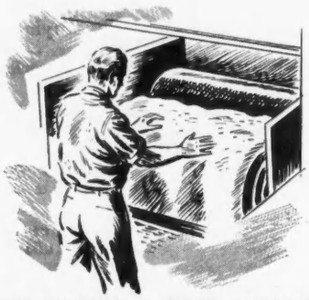
DAVID DIETZ, *Science Editor of Scripps-Howard Newspapers, Author, Pulitzer Prize Winner*

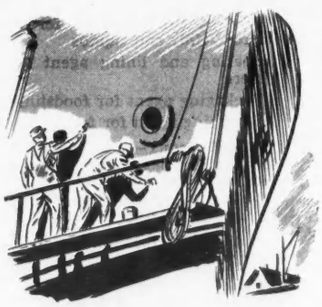


EXTRA STAMINA FOR CONCRETE. Vinsol* resin helps keep concrete surfaces smooth and long-wearing. Interground with cement, it enables concrete to withstand scaling and corrosion due to frost and thaw and the action of ice-removing agents.



STRETCHING RUBBER SUPPLIES is one of Hercules' contributions toward rubber conservation. Solvenol* is used as a penetrant, softener, and swelling agent in the reclaiming of scrap rubber. It is now under allocation for this war task.

CLOSE SHAVE FOR PIGS. In packing plants, pigs are coated with a special resin, Brisgo*. When the Brisgo, applied hot, has cooled and congealed, it is peeled off like a banana skin and with it comes every hair and all the stubble.



RESIN AGAINST THE SEA. Pentalyn* resin permits use of domestic linseed instead of unobtainable foreign oils in making the tough, salt-water-resistant protective coatings essential to our ship-building program. Makes *more* paint with *less* critical materials.

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Current Market Quotations Chemicals and Related Materials

August 25, 1944

Unless otherwise indicated, quotations are first-hands on large lots, f.o.b. New York. Price changes and trends are noted in the market reports, with other informative comment. The locations of these reports are given in the table of contents on page 4.

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A

Acacia (see Gum, Arabic).
Acetaldehyde,[4,6] 99%, dms., 55 and 110 gals., works..lb. .11 - —
5 and 10 gls., works.....lb. .14 - —
Acetaldol (see Aldol).
Acetamide, CP, fib. dms., 5,000 lbs. a year, works..lb. .36 - —
smaller lots, works.....lb. .38 - .70
tech., fib. dms., 5,000 lbs. a year, works..lb. .26 - —
smaller lots, works.....lb. .30 - .50
Acetanilide, tech., cryst., bbls.lb. .29 - .31
powd., bbls.....lb. .27 - .29
USP, cryst., bbls.....lb. .36 - .37
dms.....lb. .42 - —
kgs.....lb. .37 - .38
powd., bbls.....lb. .34 - .35
dms.....lb. .38 - .40
kgs.....lb. .35 - .36
Acetoacetanilide, bbls., dms...lb. .49 - .67
Acetone, CP,[1,6] dms., c.l., divd. E.*.....lb. .06 - —
l.c.l., divd. E.*.....lb. .06½ - —
tanks, divd. E.*.....lb. .07 - —

* OPA ceiling for East; Western ceiling, ¼c. per lb. higher.

Methyl (see M).
Acetonitrile, dms., c.l., works..lb. .60 - —
l.c.l., works.....lb. .75 - —
5-gal. lots, works.....lb. .80 - —
less than 5-gal. lots, works, lb. .90 - —
Acetophenetidin, bbls., kgs., 1,000 lb. lots..lb. 1.00 - —
dms.....lb. 1.08 - 1.10
Acetophenone, cns., dms.....lb. 1.55 - 1.60
Acetyl chloride, cbys., works..lb. .60 - —
Acid, abietic, dms., c.l., wks..lb. .07½ - —
Acetic,[1,6] com'l or redist., 28%, bbls....100 lbs. 3.38 - 3.62
56%, bbls.....100 lbs. 5.58 - 5.83
70%, bbls.....100 lbs. 6.68 - 6.93
80%, bbls.....100 lbs. 7.47 - 7.72
99.5%, nat'l, bbls....100 lbs. 9.15 - 9.40
tanks, works....100 lbs. 6.98 - 7.25
synth., bbls., works....100 lbs. 9.15 - 9.40
dms., works.....100 lbs. 9.25 - 9.75
glacial, nat., CP, cbys.100 lbs.12.50 -13.75
99.5%, bbls.....100 lbs. 9.15 - 9.40
tanks, works.....100 lbs. 6.98 — —
USP, cbys.....100 lbs.11.70 — —
synth, CP, dms., works....100 lbs.12.50 -13.50
99.5%, bbls., works.100 lbs. 9.15 - 9.40
dms., works.....100 lbs. 9.25 - 9.75
tanks, works.....100 lbs. 6.98 - 7.25
USP, dms., works.100 lbs.10.50 -11.00
pure, 80%,[6] bbls.....100 lbs. 4.41 4.69
36% bbls.....100 lbs. 4.86 - 5.11
60%, bbls.....100 lbs. 7.60 - 7.85
80%, bbls.....100 lbs. 9.26 - 9.51

Acetic acid price ranges above are for c.l. and l.c.l. quantities. Carboys and cases are 50c. per 100 lbs. higher.

Acetic, anhydride,[6] dms., c.l., frt. alld..lb. .11½ - —
l.c.l., frt. alld.....lb. .13 - —
Acetylsalicylic,[1] special, USP, bbls., makers, primary distrib., point of shipm't, 100-lb. lots..lb. .45 - —
smaller lots, same basis..lb. .46 - .59
Standard USP, fine cryst., gran. (20-40 mesh), powd. (50 mesh), 200-lb. bbls., same basis..lb. .40 - —
smaller lots, same basis, lb. .40 - .54

Freight equal'd, shipment identical quantity over standard routes, from N. Y. City, Phila., Midland, Mich., Chicago and St. Louis.

Adipic, fib. dms., works.....lb. .31 - —
Aminoacetic, USP (see Glycine).
Anthranilic, resub., bbls.....lb. 1.20 - 1.25
tech., bbls.....lb. .95 - —
Arsenous,[6] tech. (see Arsenic, White).
USP, powd., dms., kgs....lb. .20 - .23
Ascorbic,[1,6] USP, 500-kilo lots, dms..kilo.24.50 - —
30-kilo lots, dms.....kilo.25.00 - —
10-kilo lots, dms.....kilo.25.35 - —
2½-kilo lots, dms.....kilo.25.70 - —
1-kilo lots, dms.....kilo.26.41 - —
500-gram lots, bots.....kilo.27.47 - —
Battery, cbys., c.l., E. works, 100 lbs. 1.60 - —
10-25, E. works.....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.55 - —
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. up..lb. .54 - —
1,000 to 3,900 lbs. up....lb. .55 - —
900 lbs or less.....lb. .58 - .59
dms., 4,000 lbs. up.....lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .59 - .60
Betaoxynaphthoic, bbls., f.o.b. works..lb. .95 - —
Boric,[2] tech., 99.5% cryst., (same as prices for powder), gran., bgs., c.l., frt. alld., ton.99.00 - —
ton lots, ex whse..ton.111.00 - —
less than ton lots, ex whse..ton.116.00 - —
bbls., c.l., frt. alld..ton.109.00 - —
ton lots, ex whse..ton.121.00 - —
less than ton lots, ex whse..ton.126.00 - —
bulk, frt. alld.....ton.95.50 - —
powd., bgs., c.l., frt. alld., ton.104.00 - —
ton lots, ex whse..ton.116.00 - —
less than ton lots, ex whse..ton.121.00 - —
bbls., c.l., frt. alld..ton.114.00 - —
ton lots, ex whse..ton.126.00 - —
less than ton lots, ex whse..ton.131.00 - —

USP $2/ton per ton higher.

Butyric, 99%, dms., c.l., works, l.c.l., same basis.....lb. .29 - —
Broeners, bbls.....lb. .30 - —
Cacodylic, 5-lb. bots.....lb. 1.11 - —
Acid, camphoric, cns.....lb. 22.00 - —
Capric, tech., dms., returnable, lb. 6.95 - 7.00
Caprylic, tech., dms., returnable, lb. .21½ - .22
Castor oil,[5] split, dms., ret..lb. .27 - .27½
Chlorosulphonic, dms., c.l., wks., lb. .20¾ - .21¼
l.c.l., works.....lb. .03 - —
tanks, works.....lb. .03½ - .04½
Chromic,[6] 99½-99¾%, dms., c.l., lb. .02½ - —
l.c.l. .....lb. .16¾ - —
Cinnamic, ref'd, bots.....lb. .16½ - .18¼
Citric,[1,6] anhyd., gran., dms., c.l..lb. 3.50 Nom.
10,000 lbs., 1 ship't...lb. .22½ - —
smaller lots.....lb. .23 - —
kgs.....lb. .23½ - .26¼
powd., cryst., gran., bbls., c.l., works, lb. .24 - —
10,000 lbs., 1 ship't...lb. .20 - —
smaller lots.....lb. .20¼ - —
kgs.....lb. .22 - .24
Powd. citric acid, ½c. higher.
Cleve's, bbls.....lb. .21½ - —
Coconut oil,[1,5] dist., dms....lb. .65 - —
Corn oil, a.d., dms., c.l., works, lb. .15½ - .17½
Cottonseed oil,[1,5] s.d., dms., c.l..lb. .12 - —
tanks, divd.....lb. .12 - —
Cresylic,[5,6] (coaltar), high-boil 50% (210°-215°), low boil 50% (204°-206°), and special blends, dms., c.l., works, frt. equald..gal. .14¼ - —
l.c.l., same basis....gal. .81 - —
tanks.....gal. .83 - —
(Petroleum), heavy grade (247°-298°), 20 dms., Cal. ref....gal. .75 - —
Sewaren, N. J., ref..gal. .490 - —
1-19 dms., Cal. ref....gal. .616 - —
Sewaren, N. J., ref..gal. .510 - —
tanks, divd.....gal. .636 - —
light grade (200°-246°), tanks, Cal. ref..gal. .586 - —
medium grade (220°-246°), 20 dms., Cal. ref..gal. .690 - —
Sewaren, N. J., ref..gal. .550 - —
1-19 dms., Cal. ref....gal. .676 - —
Sewaren, N. J., ref..gal. .570 - —
tanks, divd.....gal. .696 - —
Diethylbarbituric (see Barbital).
F (see Acid, Monosulphonic).
Formic, dom., 90%, cbys., c.l., works..lb. .646 - —
l.c.l. .....lb. .10½ - —
Fumaric, tech., bbls., dms...lb. .11 - .11½
Gallic, NF VII, bbls.....lb. .27 - .31
fib. dms.....lb. 1.27 - 1.30
technical, bbls.....lb. 1.10 - 1.13
Gamma, bbls.....lb. .85 - —
Gluconic, bbls., 500 lbs.....lb. .12 - —
dmjn.....lb. .21 - .22
kgs., 100 lbs.....lb. .14 - .15
Glutamic hydrochloride, dms., lb. 2.00 - 2.40
H, bbls.....lb. .45 - —
Hydriodic, 45-47%, cbys.....lb. 2.42 - 2.44
5-lb. bots.....lb. 2.57 - —
57%, bots.....lb. 2.90 - —
Hydrobromic, conc., cbys....lb. .35 - —
dil., cbys.....lb. .20 - —
Hydrochloric (see Muriatic).
Hydrocyanic, cyls, works....lb. .80 - 1.00
Hydrofluoric, anhyd.,[6] cyls., works..lb. .19 - .19½
tanks, works.....lb. .16 - —
30%, rubber dms., works...lb. .08 - .09
48%, rubber dms., works...lb. .12 - —
52%, rubber dms., works...lb. .12½ - —
60%, rubber dms., works...lb. .13½ - —
Hydrofluosilicic, 30-35%, bbls.lb. .08 - .09
Hydroxyacetic, 70% tech., bbls., non-return, Phila..lb. .084 - —
tanks, works, basic acid content..lb. .08½ - —
Hypophosphorous, USP, djns., lb. .75 - .80
Lactic, edible, 50%, cbys., 20 or more..lb. .12¾ - —
5 to 19.....lb. .12 - —
1 to 4.....lb. .13½ - —
80%, bbls., cbys., 5 or more.. lb. .24¼ - —
1 to 4.....lb. .24¾ - —
plastic grade, bbls., cbys., 20 or more..lb. .24¼ - —
5 to 10 cbys.....lb. .14¼ - —
1 to 4 cbys.....lb. .14¾ - —
tech., dark, 22%, bbls., c.l., works..100 lbs. 2.90 - —
l.c.l., works....100 lbs. 3.15 - —
cbys., works....100 lbs. 4.15 - —
44%, bbls., c.l., works....100 lbs. 6.30 - —
l.c.l., bbls., works....100 lbs. 6.55 - —
cbys., works....100 lbs. 7.55 - —
light, 22%, bbls., c.l., works, 100 lbs. 3.90 - —
l.c.l., works....100 lbs. 4.15 - —
cbys., works....100 lbs. 5.15 - —
44%, bbls., c.l., works....100 lbs. 7.30 - —
l.c.l., works....100 lbs. 7.55 - —
cbys., works....100 lbs. 8.55 - —
USP XI, 85%, cbys.....lb. .54 - .57
USP VIII, 75%, cbys.....lb. .52 - .55
Lauric, dist., tech., dms....lb. .20 - .20½
Laurent's, bbls.....lb. .45 - —
Linseed oil,[5] light, dms.....lb. .21½ - .23
Maleic,[6] powd., dms.....lb. .30 - —
anhydride, dms., c.l.....lb. .25 - —
l.c.l. .....lb. .26 - —
Malic, powd., kgs.....lb. .47 - —
Mandelic, dms., 1,000-lb. lots.lb. 2.05 - —
smaller lots.....lb. 2.10 - 2.30
Mixed, tanks, nitric unit.....lb. .05 - .06
sulphuric, unit.....lb. .0085- .009
Molybdic, kgs., works.....lb. .95 - 1.10
Monochloroacetic, tech., 85%, bbls..lb. .17 - —
purified, bbls.....lb. .20 - —
Monosulphonic, bbls.....lb. 1.50 - —
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., 25 and over, E. works.100 lbs. 1.75 - —
10 to 24, works...100 lbs. 1.85 - —
1 to 9, works....100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.05 - —
Acid, muriatic, 20°, cbys., c.l., E. works..100 lbs. 1.75 - —
tanks, E. works.....ton.22.00 - —
22°, cbys., c.l., E. works.... 100 lbs. 2.25 - —
tanks, E. works.....ton.32.00 - —
CP, USP, consumers, cbys..lb. .08 - —
6-lb. bots.....lb. .19 - —
dealers, cbys.....lb. .06½ - —
6-lb. bots.....lb. .17½ - —
Myristic, dist., dms.....lb. No stocks.
Naphthenic,[6] 210-220 acidity, dms. extra, works..lb. .10¾ - —
tanks, works.....lb. .09 - —
230-245 acidity, dms. extra, works..lb. .12¾ - —
tanks, c.l., works.....lb. .12 - —
Nicotinic,[6] dms., 50-kilo lots up, kilo. 7.00 - —
10-kilo lots.....kilo. 7.10 - —
2½-kilo lots.....kilo. 7.20 - —
1-kilo lots.....kilo. 7.30 - —
Nicotinic amide (see Nicotinamide).
Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25, E. works.100 lbs. 5.25 - —
10 to 24, works....100 lbs. 5.35 - —
1 to 9, works....100 lbs. 5.95 - —
38°, cbys., c.l., E. works.... 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
40°, cbys., c.l., E. works.... 100 lbs. 6.00 - —
42°, cbys., c.l., E. works.... 100 lbs. 6.50 - —
CP, USP, consumers, cbys..lb. .13 - —
7-lb. bots.....lb. .23 - —
dealers, cbys.....lb. .11½ - —
7-lb. bots.....lb. .21½ - —
Oleic (see Oil, red).
Oleum (see Acid, sulphuric, fuming).
Oxalic,[1] bbls., c.l., works....lb. .11¼ - —
10,000 lbs.....lb. .11½ - —
smaller lots.....lb. .12½ - —
Palm oil,[5] white, dist., dms..lb. No stocks.
tanks.....lb. No stocks.
Paraminobenzoic, cns.....lb. 1.40 - —
Paranitrobenzoic, cns.....lb. .72 - —
Paratoluidinmetasulphonic, bbls., f.o.b. works..lb. .80 - —
Peanut oil,[1] s.d., tanks, divd., lb. .11¼ - —
Phenylacetic, bots.....lb. 1.85 - 3.00
Phosphoric,[6] pure food grade, 50%, bbls., c.l., works, frt. equald..100 lbs. 4.00 - 4.25
cbys., works, frt. equald, 100 lbs. 4.25 - 4.60
l.c.l., 10 or more, works, frt. alld..100 lbs. 5.25 - 6.25
1 to 9 cbys., works, frt. alld..100 lbs. 6.25 - 7.25
tankwagon, divd. N. Y., Phila., Met. area..100 lbs. 4.00 - —
75%, bbls., c.l., works, frt. equald..100 lbs. 4.75 - 5.00
cbys., works, frt. equald, 100 lbs. 5.10 - 5.35
l.c.l., 10 or more, works, frt. alld..100 lbs. 7.00 - 8.50
1 to 9 cbys., works, frt. alld..100 lbs. 8.00 - 9.50
tankcars, works, frt. equald..100 lbs. 4.00 - 4.25
tankwagon, divd. N. Y., Phila. Met. area..100 lbs. 4.75 - —
USP, 100-lb. cbys., c.l....lb. .10¼ - —
10 cbys. to c.l.....lb. .11¼ - —
2 to 9 cbys.....lb. .12 - —
single cbys.....lb. .13 - —
70-lb. cbys.....lb. .10¼ - —
25 cbys. to c.l.....lb. .11¼ - —
5 to 24 cbys.....lb. .12 - —
1 to 4 cbys.....lb. .13 - —
10% dilut., cbys., djns....lb. .07 - .07¼
Picramic, kgs.....lb. .65 - .70
Picric, bbls.....lb. .35 - —
Propionic,[1] synth., pure, 55-gal. dms., works..lb. .19¼ - —
tanks, works.....lb. .18¼ - —
Pyrogallic, tech., bbls.....lb. 1.45 - —
cns.....lb. 1.63 - —
USP, cryst., dms.....lb. 2.10 - 2.15
resub., dms.....lb. 2.60 - 2.65
Pyroligneous, bbls., divd. E.gal. .30 - —
Ricinoleic, com'l, split (see Acid, castor oil, split).
Salicylic,[1] tech., bbls., c.l....lb. .26 - —
100 lbs. to c.l.....lb. .33 - —
smaller lots.....lb. .34 - .42
USP, bbls., c.l.....lb. .28 - —
100 lbs. to c.l.....lb. .35 - —
smaller lots.....lb. .36 - .44
Sebacic, tech., dms., works..lb. .55 - .57
Soybean oil,[1,5] s.d., dms....lb. .16¼ - .18¼
tanks, works.....lb. .11 - —
Stearic,[3,5] double-press, bgs..lb. .15¾ - .16¾
single press, bgs.....lb. .14¾ - .15¾
triple press, bgs.....lb. .13¾ - .15¼
Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots., works.lb. 1.60 - 1.65
tech., dms., works.....lb. .17 - —
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.35 - —
l.c.l., 25 up, works..100 lbs. 1.50 - —
10 to 24, works....100 lbs. 1.60 - —
1 to 9, works....100 lbs. 2.20 - —
tanks, E. works.....ton.13.00 - —
66°, cbys., c.l., E. works.... 100 lbs. 1.50 - —
tanks, E. works.....ton.16.50 - —
98°, tanks, works.....ton.17.50 - —
CP, USP, consumers, cbys., lb. .08 - —
9-lb. bots.....lb. .17 - —
dealers, cbys.....lb. .06½ - —
9-lb. bots.....lb. .15½ - —
fuming, 20%, tanks, E. works, ton.19.50 - —
Tannic, tech., bbls., dms....lb. .71 - .75
USP, fluffy, bbls., 1,000 lbs.lb. 1.33 - —
smaller lots.....lb. 1.35 - 1.38
powd., bbls., 1,000 lbs....lb. 1.13 - —
smaller lots.....lb. 1.15 - —
Tartaric, USP, cryst., gran., powd., bbls., 10,000 lbs., 1 ship't..lb. .70½ - —
smaller lots.....lb. .71 - —
kgs.....lb. .71½ - —
Tobias, bbls.....lb. .55 - .60
Trichloroacetic, bots.....lb. 2.00 - 2.50
Tungstic,[6] CP, 100-lb. pkgs..lb. 2.94 - 3.10
pure, 100-lb. pkgs.....lb. 2.86 - —
Aconite leaves, bls.....lb. 1.40 - 1.45
Root, bls.....lb. 1.20 - 1.25
Aconitine, amorph., bots.....oz.23.00 -28.00
15-gr. vials.....vial. 1.00 - —
cryst., bots.....oz.42.00 -48.00
15-gr. vials.....vial. 1.20 - —
Acrylonitrile,[6] dms., frt. alld..lb. .39½ - —
5,000 lbs. or more, works..lb. .40 - —
1 ton to 4,999 lbs., works..lb. .40¼ - —
1 dm. to 1 ton, works.....lb. .41 - —
tankcars, frt. alld.....lb. .39 - —
Adeps lanae,[1,6] USP, anhyd., dms., primary distributors..lb. .34 - .35½
producers .....lb. .30 - .33
Adeps lanae,[1] hyd., dms., primary distributors..lb. .32½ - .34
producers .....lb. .31 - .32

Adeps lanae prices for primary distributors, f.o.b. St. Louis, 1c. higher.

Agar.....lb. 3.50 - —
San Diego, Cal.....lb. 3.00 - —
Agaric, white, bls.....lb. 3.75 - 4.00
Albumen, blood, dark (see Blood, soluble).
light, dms., Chicago.....lb. .65 - .70
egg, edible,[1] powd.....lb. 1.89 - 1.97
granular, cryst.....lb. 1.84 - 1.92
tech., cryst., bbls.....lb. 1.55 - 1.65
Alcohol, allyl., dms., c.l., divd. lb. .29 - —
l.c.l., divd.....lb. .30 - —
Amyl (see also Fusel oil, refd.), ex pentane, dms., c.l., frt. alld. E. of Miss. R..lb. .141 - —
l.c.l., frt. alld.....lb. .151 - —
tanks, frt. alld.....lb. .131 - —
Benzyl, cns.....lb. .65 - .75
dms.....lb. .63 - —
Butyl, normal,[1,6] ferment, Ill., Ind., prod., dms., frt. alld. E..lb. .1980- —
l.c.l., frt. alld. E...lb. .2030- —
tanks, frt. alld. E....lb. .1880- —
other production, dms., c.l., frt. alld. E..lb. .1950- —
l.c.l., frt. alld. E...lb. .2000- —
tanks, frt. alld. E....lb. .1850- —
synthetic, dms., c.l., frt. alld. E..lb. .11¾ - —
l.c.l., frt. alld. E....lb. .12¼ - —
tanks, frt. alld. E.....lb. .10¾ - —

* Normal butyl alcohol prices West, ½c. per lb. higher.

secondary,[6] dms., c.l., frt. paid E. of Miss..lb. .091 - —
l.c.l., same basis.....lb. .096 - —
tanks, same basis.....lb. .085 - —
tertiary, denat., dms., c.l..lb. .125 - —
l.c.l., dms.....lb. .12 - —
tanks.....lb. .11 - —
Cetyl, dom., CP, fiber ctns, 1,000 lbs..lb. 1.80 - —
smaller lots.....lb. 1.90 - 2.00
Cinnamic, bots.....lb. 3.00 - —
Denatured,[1,6] CD14, dms., c.l., divd. E..gal. .54½ - —
19 dms., works, E....gal. .56½ - —
1 to 18 dms., works, E..gal. .59½ - —
tanks, E., divd.....gal. .50 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

SD1, 190 pf., bbls., c.l., E. works..gal. .62 - —
19 bbls., E. works..gal. .64 - —
1 to 18 bbls., E. works, gal. .67 - —
tanks, E. works.....gal. .50 - —

Anhydrous 3c. per gal. higher.

SD2B, bbls., c.l., wks., E.gal. .60 - —
19 bbls., works, E...gal. .62 - —
1 to 18 bbls., works, E., gal. .65 - —
tanks, E. works.....gal. .45 - —
SD23G (replaced by SD23H).
SD23H, works, c.l., bbls..gal. .61½ - —
19 bbls.....gal. .63½ - —
1 to 18 bbls.....gal. .66½ - —
tanks, E. works.....gal. .49½ - —
SD29, denatured, with acetaldehyde, bbls., c.l., E. works, gal. .62½ - —
l.c.l., 19 or more, E. works..gal. .66 - —
1 to 18, E, works..gal. .69 - —
tanks, E. works.....gal. .50½ - —

When any of the several SD29 denaturants is supplied by the purchaser, the prices are the same as those for SD2B, plus 1½c. per gal. denaturing charge.

Special solvent, dms., c.l., works..gal. .55½ - —
19 dms. to c.l.....gal. .57½ - —
1 to 18 dms.....gal. .60½ - —
tanks, E. works.....gal. .51 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone,[6] acetone-free, dms. c.l., divd..lb. .11½ - .14¼
l.c.l., divd.....lb. .11¾ - .15
tanks, divd.....lb. .10½ - .12¾
tech., dms., c.l., divd.....lb. .11 - .13¾
l.c.l., divd.....lb. .11½ - .14
tanks, divd.....lb. .10 - .13¾
Ethyl,[6] 190 pf., dms., c.l...gal.17.64½ -
19 dms.....gal.17.68 -
1 to 18 dms.....gal.17.71 -
tanks .....gal.17 60 -
absolute, dms., c.l.....gal.18.62 -
18 dms.....gal.18.65½ -
1 to 17 dms.....gal.18.68½ -
Ethylhexyl, dms., c.l., wks..lb. .24 - —
l.c.l., same basis.....lb. .25 - —
tanks, same basis.....lb. .23 - —
Furfuryl, tech., cns., works..lb. .25 - —
dms., c.l., works.....lb. .22½ - —
l.c.l., works.....lb. .25 - .35
tanks, works.....lb. .20 - —
Isoamyl (see Carbinol isobutyl).
Isobutyl,[6] refd., dms., works..lb. .0980- —
tanks, works.....lb. .0760- —
Isopropyl,[2,6] refd., 91% dms., 5 gals., divd..gal. .66½ - —
55 gals., c.l., divd....gal. .59 - —
l.c.l., divd.....gal. .43½ - —
tanks, frt., alld.....gal. .34 - —
90%, dms., 5 gals., divd..gal. .65 - —
55 gals., c.l., divd...gal. .44 - —
l.c.l., divd.....gal. .47 - —
tanks, frt., alld.....gal. .37½ - —
Methyl (see Methanol).
O-tyl (see Alcohol, ethylhexyl).
Phenylethyl, bots., cns.....lb. 2.10 - 2.25
Polyvinyl, type A, fiber-pack, Niagara Falls..lb. .65 - .75
type B, fiber-pack, same basis, lb. .60 - .66
Propyl, normal, dms., wks..gal. .67 - .75

Wartime Status of Materials

Applications of WPB and OPA regulations to materials listed in this section are indicated by superior figures as follows:—

1—Specific price ceiling
2—Price agreement (sellers with OPA)
3—General Limitation Order (L order)
4—General Preference Order (M order)
5—Conservation Order (M order)
6—Allocation

Alcohol, tetrahydrofurfuryl, dms., c.l., Waverly, N. Y..lb. .40 - —
smaller lots, same basis..lb. .44 - .50
cns., Cedar Rapids, Ia.....lb. .55 - —
Aldehol, denat. grade, dms., tanks, works..gal. .70 - .72
Aldol, dms., works.....lb. .13 - .15
denat., grd., dms.....gal. 1.20 - —
Aletris root, bgs.....lb. 2.50 Nom.
Algin, bbls., fib. dms.....lb. .79 - 1.50
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. No stocks
Allapice,[1] Mexican, bgs.....lb. .18 - .18½
Laredo, Tex., bgs.....lb. .17 - .17½
Aloe, Cape, cs.....lb. .29 - .30
Curacao, kgs.....lb. .65 - .80
Socotrine, kgs.....lb. .55 - .60
Aloin, bbls., dms., kgs.....lb. 5.45 - 5.54
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Alphapicoline, ret. dms., works, frt. equald..lb. .23½- .28½
Alphapinene, dms., c.l., wks.gal. .84½- —
l.c.l., works.....gal. .86½- —
tanks, works.....gal. .81½- —
Alphaterpineol, dms., c.l., works, lb. .1340- —
l.c.l. .....lb. .1390- —
tanks .....lb. .1200- —
Alphatocopherol, amp.....gram. 1.00 - 1.10
Althea root, bls.....lb. .60 - .65
Alum, ammonia,[2] burnt, USP, bbls., kgs..lb. .16 - .18
gran., bbls., works....100 lbs. 4.00 - —
dlvd., N. Y., Phil..100 lbs. 4.00 - —
lump, bbls., works....100 lbs. 4.25 - —
dlvd., N. Y., Phil..100 lbs. 4.25 - —
powd., bbls., works....100 lbs. 4.40 - —
dlvd., N. Y., Phil..100 lbs. 4.40 - —
potash, gran., bbls., wks.100 lbs. 4.25 - —
dlvd., N. Y., Phil..100 lbs. 4.25 - —
lump, bbls., works....100 lbs. 4.50 - —
dlvd., N. Y., Phil..100 lbs. 4.50 - —
powd., bbls., works....100 lbs. 4.65 - —
dlvd., N. Y., Phil..100 lbs. 4.65 - —
Alum potash, chrome, bbls....lb. .12½- .15
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd.....100 lbs. 4.25 - 5.00
Alumina, ground, classified, grade, kgs., works..lb. .35 - .40
top grade, ground, kgs., works, lb. .60 - .67
unclassified, ground, kgs., works..lb. .10½- .46
Acetate, basic solut., 24%, bbls., dlvd..lb. .10½- .11
solut., 20%, bbls., dlvd...lb. .09½- .10
Chloride, anhyd.,[4] com'l, dms., c.l., works..lb. .08 - —
l.c.l., works.....lb. .09 - .12
cryst., com'l, dms., c.l., works, lb. .06 - —
l.c.l., works.....lb. .06½- .06¾
solut., 32 deg., cbys., c.l., works..lb. .02¾- —
l.c.l., works.....lb. .03¼- —
Fluoride, bbls.....lb. .35 - .40
Hydrate,[6] heavy, bgs., c.l., works..lb. .024 - .031
bbls., c.l., works.....lb. .027 - .034
l.c.l., works.....lb. .04 - —
light, bgs., dlvd.....lb. .14½- —
bbls., dlvd.....lb. .15 - —
Hydroxide, gel, tech., min. 15% AlO_3, dms., 10,000 lbs. or more, f.o.b. ship't point..lb. .03 - .03½
ton lots, same basis...lb. .03 - .03¾
smaller lots, same basis, lb. .03¾- .04
USP purity, conc., 9-9½% Al_2O_3, fib. dms., works..lb. .17¾- —
contract, works.....lb. .16¾- —
14-15% Al_2O_3, fib. dms., works..lb. .20¾- —
contract, works.....lb. .19¾- —
dried, USP XII, fib. dms., works..lb. .78 - —
contract, works.....lb. .75 - —
powder, tech. (see Alumina hydrate).
USP IX, bbls., dms.....lb. .15 - .17
Laurate, prec., bbls.....lb. .25 - .26
Naphthenate, 1.7% Al, 50-gal. dms., works..lb. .18¾- —
Oleate, dms., contract.....lb. .24½- —
Resinate, precip., dms.....lb. .15½- —
Stearate, precip., bbls., c.l...lb. .23 - —
l.c.l. .....lb. .24 - —
Sulphate, com'l, bgs., c.l., works, frt. equald..100 lbs. 1.15 - 1.25
l.c.l., works, frt. equald., 100 lbs. 1.40 - 1.50
bbls., c.l., works, frt. equald. 100 lbs. 1.35 - 1.45
l.c.l., works, frt. equald. 100 lbs. 1.60 - 1.70
iron-free, bgs., c.l., works...100 lbs. 1.85 - —
l.c.l., works.....100 lbs. 2.10 - —
Aluminum, 98-99% ^{8,9,4}, c.l....lb. .15 - —
l.c.l. .....lb. .15 - .16
paste,[6] lining, extra fine, 200-lb. dm..lb. .56 - .60
grade B, 250-lb. dm.....lb. .54 - —
ink, 150-lb. dm.....lb. .71 - —
standard, 200-lb. dm.....lb. .38 - —
grade B, 250-lb. dm....lb. .36 - —
powder,[6] lining, extra fine, 150-lb. dm..lb. .93 - —
litho, 150-lb. dm.....lb. .57 - —
standard, 200-lb. dm.....lb. .59 - —
grade B, 275-lb. dm.....lb. .57 - —
rubber comp., 200-lb. dm...lb. .40 - —
unpolished, stand., 250-lb. dm. lb. .36 - —
varnish, stand., 300-lb. dm.lb. .40 - —

Aluminum powder and paste prices are f.o.b. shipping point. Add 1c. per lb. for 100-lb. dm., 1½c. for 50-lb. dm., 3c. per lb. for 10-lb. can, and 5c. to 12c per lb for smaller containers. Deduct 1c. per lb. for single shipment of 400 to 1,499 lbs., 2c. for 1,500 to 4,999 lbs., 3c. for 5,000 to 29,000 lbs., and 4c. for 30,000 lbs. or more. Where destination is within the continental U. S., a deduction equivalent to the lowest available common carrier, transportation rate will be made from sellers' invoice on orders of 200 lbs. or over.

Ambergris gray, tins.....oz.13.50 - 14.00
Aminomethylpropanol, ens., dms., works..lb. .50 - .60
Aminopyrine, dms.....lb. 4.00 - —
bots.....lb. 4.25 - —
Ammonia,[6] anhydrous, fertilizer, tankcars, works, frt. equald. ton.59.00 - —
refrigeration, tanks, wks..ton.69.00 - —
pure, cyls.....lb. .16 - —
Aqua, 28°, cbys.....lb. .06¼- —
dms., c.l.....lb. .02¼- —
l.c.l. .....lb. .02½- —
tanks, works (NH_3 content). ton.65.00 - —
Benzoate, refined, dms., kgs., 4,000 lbs. up, frt. alld..lb. .43 - —
smaller lots, frt. alld...lb. .44 - .47
Bicarbonate, dms.....lb. .0539- .0614
Bicarbonate,[6] bbls.....lb. .23 - .25
Bifluoride, bbls.....lb. .15 - .17
Borate, gran., bbls, kgs.....lb. .1080- —
powd., bbls., kgs.....lb. .1130- —
Bromide, NF, bbls.....lb. .31 - .35
dms. .....lb. .32 - .36
Carbonate, lump, dms.....lb. .06½- .09¼
cns. .....lb. .14¼- .17¾
powdered 1c. per lb. higher.
Chloride, tech. (see Ammoniac, sal).
USP, gran., bbls., dms., kgs.. lb. .13 - .15
Ammonia citrate, dibasic, bbls. lb. .75 - —
dms. .....lb. .80 - .85
Fluoride, bbls.....lb. .18 - .20
Hydroxide (see Ammonia, aqua).
Hypophosphite, NF, dms...lb. 1.25 - 1.27
jars .....lb. 1.30 - 1.35
Iodide, NF, bots.....lb. 3.71 - —
jars .....lb. 3.65 - —
Linoleate, 80%, anhyd., bbls.lb. .12 - —
Molybdate,[6] c.p., cryst., kgs.lb. 1.26 - 1.28
fine cryst., bbls., kgs.....lb. .84 - .87
purified, dms.....lb. 1.10 - 1.12
Nitrate,[1,6] Canadian, fertilizer grade, 32.5 nitrogen, bgs., same N unit price, delivered, as Ammonia sulphate.
domestic, ordnance, bgs., works..ton.47.00 - —
tech., bgs., works....100 lbs. 4.35 - 8.50
bbls., works.....100 lbs. 4.55 - —
Oleate, dms.....lb. .14 - —
Oxalate, purif., gran., bbls., kgs..lb. .27 - .33
Perchlorate, kgs.....lb. .55 - .65
Persulphate, kgs.....lb. .25½- .28½
Phosphate, dibasic, NF V, bbls., kgs..lb. .31 - .39
tech., bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08 - .08½
monobasic, pure, bbls.....lb. .40 - .45
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .08 - .08½
Salicylate, NF, dms., kgs...lb. 1.15 - 1.18
Silicofluoride, bbls.....lb. .15 - .18
Stearate, anhydrous, dms....lb. .34 - —
paste, dms.....lb. .18½- —
Sulphamate, bbls., works.....lb. .18 - .24
Sulphate,[1,6] dms., bulk, inland producing ovens..ton.28.20 - —
Atlantic coast ports...ton.29.20 - —
Sulphide, liquid, 40-45%, basis 100% dms., c.l., works..lb. .07½- —
l.c.l., dlvd.....lb. .15 - —
tanks, dlvd.....lb. .07½- —
red, 48%, cbys., works....lb. .08 - —
dms., works.....lb. .06 - —
yellow, 33%, cbys., works..lb. .08 - —
dms., works.....lb. .06 - —
Sulphocyanide, CP, bbls.....lb. .55 - —
jars .....lb. .97 - —
tech., bbls.....lb. .17 - .19
Thioglycolate, 100%, bbls....lb. 7.10 - —
Ammoniac gum (see Gum, ammoniac).
Sal, gray, bbls., c.l., works... 100 lbs. 5.50 - 5.75
l.c.l., same basis..100 lbs. 6.00 - 6.70
white, gran., bbls., c.l., works. 100 lbs. 4.45 - —
l.c.l., same basis..100 lbs. 5.15 - —
Amyl acetate, ex fusel oil, tech., dms., c.l., dlvd..lb. .12½- .17
l.c.l., dlvd.....lb. .13 - .17½
tanks, dlvd.....lb. .11¼- .16
ex-pentane, dms., c.l., frt. alld. E. of Miss. R..lb. .15½- —
l.c.l., same basis.....lb. .16½- —
tanks, same basis.....lb. .14½- —
Alcohol (see Alcohol, amyl).
Butyrate, dms.....lb. .75 - .90
Caproate, dms.....lb. 2.75 - —
Chloride, mixed, tech., dms., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
tanks, works.....lb. .06 - —
Ether, dms., c.l., works.....lb. .09½- —
l.c.l., works.....lb. .10 - —
tanks, works.....lb. .09¼- —
Nitrite, USP, bots.....lb. 1.72 - 1.80
Mercaptan, dms., works.....lb. 1.10 - —
Oleate, dms., works.....lb. .31 - —
Salicylate, bots.....lb. .80 - 1.25
Stearate, dms., works.....lb. .42 - —
Amylene, dms., c.l., works....lb. .10½- —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Amylnaphthalene, mixed, crude, dms., works..lb. .14 - —
refd., dms., works.....lb. .16 - —
Anethol, com'l, dms., works...lb. .657 - .662
NF, bots.....lb. 2.10 - 2.35
cans .....lb. 1.90 - 2.25
Angelica root, dom., bls.....lb. No prices
Angostura bark, bls.....lb. .20 - .21
Anilin[6] oil, dms., c.l., works, frt. alld..lb. .11¾- —
l.c.l., works, frt. alld....lb. .12½- —
tanks, works, frt. alld.....lb. .10½- —
Salt, dms., works.....lb. .22 - .24
Anise,[1] Cyprus, bgs.....lb. .28½- .29
Bulgarian, bgs.....lb. .29 - .29½
Mexican, recleaned, bgs....lb. .18¼- .19
Syrian, bgs.....lb. .20½- .21
Turkish, bgs.....lb. No stocks
Anisic aldehyde, bots.....lb. 2.90 - 3.00
Annatto,[6] paste, bxs.....lb. .34 - .39
Seed, bgs.....lb. .08½- —
Anthracene, 80-85%, bbls., works, lb. .55 - —
90%, bbls., works.....lb. .65 - —
Anthraquinine, 99.5%, bbls....lb. .70 - —
Antimony butter (see Antimony chloride).
Chloride, solut., cbys.....lb. .17 - —
Metal,[1,4] bulk, c.l., works...lb. .14½- .17½
Needle,[1] Bolivian, brown, c.s., cs..lb. .18½- —
Chinese, black, 70%, cs....lb. .20 - .22
Oxide,[1,6] bgs., c.l.....lb. .15 - —
l.c.l. .....lb. .15½- —
Salt,[1] 65%, bbls., dlvd. E. of Miss. River..lb. .40 - —
Sulphide,[1] 65-70%, bbls., c.l., works..lb. .17 - —
l.c.l., works.....lb. .17½- —
Antipyrine, bbls., kgs., ton....lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.20
Apomorphine, bots.....oz.23.20 -23.70
Apple syrup,[1] bbls.....lb. .16 - .16½
Archil extract, bbls.....lb. No stocks
Areca nuts, powd., bbls.....lb. .23 - .24
Arecoline hydrobromide, bots..oz.12.25 - —
Argols, min. 70%, bgs., Argentine port, 100 kilos, 100% purity.70.00 -72.00
Arnica flowers, bls.....lb. 2.50 - 2.60
Arrowroot, powd., bgs., bbls...lb. .10 - .10½
Arsenic,[5] metal, lump.....lb. No prices
Chloride (arsenous), bots....lb. 1.55 - —
Iodide (arsenous), 5-lb. bots.lb. 5.58 - —
jars .....lb. 5.43 - —
Sulphide, yellow, bbls.....lb. .52 - .55
bots. .....lb. .60 - .64
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .04 - —
l.c.l. .....lb. .04¾- —
Asafetida, cs.....lb. .45 - .68
powd., bbls., dms.....lb. .55 - .82
Asbestine (see Talk, N. Y. fibrous).
Asbestos fiber, 5D and 5K, bgs., c.l. (20 tons), Canad. mines, ton.49.50 - —
5R, bgs., same basis.....ton.44.60 - —
6D, bgs., same basis.....ton.33.00 - —
7D, bgs., same basis.....ton.28.50 - —
7F, bgs., same basis.....ton.26.50 - —
7H, bgs., same basis.....ton.22.50 - —
7K, bgs., same basis.....ton.19.00 - —
7M, bgs., same basis.....ton.16.50 - —
7T, bgs., same basis.....ton.15.50 - —
Asphaltum, Manjak No. 10, crude, dms., works..lb. .05½- .12
process form, bgs., wks.lb. .05¾- .13
jet, bgs. 2,000 lbs., gross weight Colo. mines..ton.30.50 - —
Barbados, Dunellen, N. J...lb. .10½- —
California, dms., c.l.....ton.36.40 - —
l.c.l. .....ton.41.40 - —
Cuban A, bulk, c.l., N. Y...ton.60.00 - —
l.c.l., same basis.....ton.90.00 - —
B, bulk, c.l., N. Y.....ton.38.50 - —
l.c.l., same basis.....ton.55.00 - —
Egyptian, substitutes, bgs., l.c.l., refinery N. J. or Ill..lb. .08 - —
Asphaltum, gilsonite, brilliant black, selects, 340° F. fusing point, bgs., mines..ton.32.90 - —
290-295° F. fusing point, bgs., mines..ton.30.50 - —
270° F. fusing point, bgs., mines..ton.30.50 - —
seconds, 370-390° F. fusing point, not uniform, bgs., mines..ton.25.50 - —
300-330° F. fusing point, not uniform, bgs., mines. ton.25.50 - —
jet, bgs., ton lots, gross wght., Colo. mines..ton.30.50 - —
Mexican, ref'd., dms., c.l., Texas refy..ton.21.00 - —
l.c.l., same basis.....ton.21.00 -23.00
tanks, same basis.....ton.16.00 - —
Atropine, bots.....oz.15.00 - —
Sulphate, bots.....oz. 7.75 - 8.15

B

Balm of Gilead buds, bgs.....lb. 1.05 - 1.15
Barbasco root,[3,6] (see Cube root).
Barberry, root bark, bgs.....lb. No stocks
Barbital, dms.....lb. 3.50 - 3.60
sodium, dms.....lb. 3.75 - —
Barium[6] carbonate, natural, 99% thru 200 mesh, bgs., c.l., works..ton.43.00 - —
precip., bgs., c.l., works..ton.60.00 -70.00
l.c.l., works.....ton.65.00 -75.00
bbls., c.l., works.....ton.65.00 -75.00
l.c.l., works.....ton.70.00 -80.00
Chlorate,[6] kgs.....lb. .36 - —
Chloride, CP, cryst., bbls....lb. .25 - .27
pure, bbls., kgs.....lb. .10 - .12
tech., cryst., bgs., c.l., works, ton73.00 - —
l.c.l., same basis.....ton.78.00 - —
bbls., c.l., same basis..ton.75.00 - —
l.c.l., same basis....ton.80.00 - —
Dioxide, dms., c.l., works....lb. .10 - —
l.c.l., works.....lb. .12 - .13
Fluoride, bbls.....lb. .18 Nom.
Hydrate (see Hydroxide).
Hydroxide, bbls., works.....lb. .06 - .07
Iodide, bots.....lb. 4.62 - 4.82
Monoxide (see Oxide).
Nitrate, bbls., c.l., works....lb. .09½- .11
l.c.l., works.....lb. .10 - .11½
Oxide, dms., c.l., works.....lb. .08 - —
l.c.l., same basis.....lb. .10 - .12
grd., dms., l.c.l., works....lb. .11 - .15
Peroxide (see Dioxide)
Silicofluoride, bbls.....lb. .17 - .19
Stearate, ctns., 1 ton up....lb. .31 - —
smaller lots.....lb. .32 - —
Sulphate, tech. (see Barytes, and Blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs .....lb. .12 - —
Barytes, floated, bbls., c.l., St. Louis..ton.27.65 - —
l.c.l., same basis.....ton.28.65 - —
ex whse., N. Y.....ton.36.00 - —
paper bags, c.l., St. Louis.ton.25.35 - —
l.c.l., same basis.....ton.26.35 - —
ex whse., N. Y.....ton.34.00 - —
Southern, off-color, bgs., mines, ton.17.50 - —
95.75%, bgs., mines.....ton.18.00 - —
Ore, approx. 94% Ba SO_4, bulk, mines..ton. 8.50 - —
Bauxite,[6] blk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Barberry bark, bgs.....lb. .12 - .13
Belladonna leaves, bls.....lb. .95 - 1.05
Root, bls.....lb. .90 - 1.00
Bentonite, 200 mesh, bgs., works, ton.11.00 - —
325 mesh, bgs., works.....ton.16.00 - —
Benzaldehyde,[6] NF, dms.....lb. .85 - 1.25
tech., cbys., dms.....lb. .45 - .55
Benzene (see Benzol).
Benzidin base, bbls.....lb. .70 - —
Benzocaine, cns.....lb. 3.20 - 3.55
Benzol,[6] (benzene), pure, nitration and 90%, dms., works, gal. .20 - —
tankcars, E. of Omaha, frt. alld. up to 2c. per gal..gal. .15 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .15 - —
Benzophenone, dms.....lb. 1.15 - 1.20
Benzoyl chloride, cbys.....lb. .26 - .28
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —
Benzyl acetate, f.f.c., cns.....lb. .89 Nom.
dms. .....lb. .55 Nom.
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., dms.lb. 1.00 - 1.10
Chloride, cbys., frt. equald..lb. .22 - .24
Cinnamate, cns.....lb. 5.15 - 5.60
Formate, cns.....lb. 3.00 - 3.50
Isoeugenol, bots.....lb. 9.50 - —
Propionate, bots.....lb. 1.85 - 2.50
Salicylate, bots.....lb. 1.90 - 2.15
Benzylidinacetone, bots.....lb. 2.00 - 2.50
Berberine bisulphate, cns.....lb. No stocks
Hydrochloride, bots.....lb. No stocks
Sulphate, cns.....lb. No stocks
Berberis root, bls.....lb. .25 - .26
Betanaphthol, resublimed, dms., works..lb. .55 - .60
tech., bbls., c.l., works....lb. .23 - —
l.c.l., works.....lb. .24 - —
Benzoate, fib. dms., works..lb. 1.75 - —
Salicylate, dms.....lb. 5.00 - —
Betanaphthylamine, tech., works, lb. .51 - —
Betapicoline, 90%, ret. dms., c.l., wks..lb. 1.60 - —
l.c.l., same basis.....lb. 1.85 - —
95%, same basis.....lb. 2.05 - —
98-99%, same basis.....lb. 2.20 - —
Beth root, bls.....lb. .45 - .46
Bismuth[6] chloride, bots.....lb. 3.00 - —
jars .....lb. 2.85 - —
Citrate, USP VIII, bots.....lb. 2.81 - 2.86
jars .....lb. 2.75 - —
Hydroxide, bots.....lb. 3.41 - 3.46
cns. .....lb. 3.35 - —
Metal, ton lots.....lb. 1.25 - —
Nitrate, cryst., bots.....lb. 1.41 - 1.46
cns. .....lb. 1.30 - —
Oxychloride, bots.....lb. 3.14 - 3.19
cns., kgs.....lb. 3.10 - —
Subbenzoate, bots.....lb. 3.51 - —
fib. dms.....lb. 3.40 - —
Subcarbonate, USP, bbls., dms, lb. 1.50 - 1.53
bots., cns.....lb. 1.59 - 1.63
X-ray, 5-lb. bots.....lb. 2.79 - —
fib. dms.....lb. 2.73 - —
Subgallate, NF, bots., cns...lb. 1.49 - 1.53
fib. dms.....lb. 1.40 - 1.43
Subiodide, bots.....lb. 4.19 - 4.25
fib. dms.....lb. 4.13 - —
Subnitrate, USP, powd., bbls., dms..lb. 1.20 - 1.23
bots. .....lb. 1.29 - 1.33
Subsalicylate, USP, 82 - 86%, bbls., fib. dms..lb. 2.50 - —
bots., cns.....lb. 2.51 - 2.59
Sulphocarbolate, bots.....lb. 3.71 - 3.76
fib. dms.....lb. 3.65 - —
Bismuth-ammonia citrate, USP, powd., dms..lb. 3.40 - —
cns. .....lb. 3.45 - 3.50
Bismhenol-A, bgs., c.l., works..lb. .22 - —
l.c.l., works.....lb. .23 - —
Black, acetylene,[6] bgs., c.l., works..lb. .14 - —
l.c.l., same basis.....lb. .18 - —
Bone 1A, bgs., bbls., c.l., frt. alld E..lb. .17 - —
2, bgs., bbls., c.l., same basis, lb. .12 - —
3, bgs., bbls., c.l., same basis, lb. .11 - —
4, bgs., bbls., c.l., same basis, lb. .08½- —
400A, bgs., bbls., c.l., same basis..lb. .08½- —
457, bgs., bbls., c.l., same basis..lb. .11½- —

Bone black l.c.l. prices are ½c. higher than c.l. Pacific coast, ex dock, or whse., prices are 1½c. higher.

Carbon,[6] heads, compressed, bgs., c.l., works..lb. .03550- —
bgs., ctns., l.c.l., dlvd. or whse..lb. .07½- —
regular, uncompressed, bgs., c.l., works..lb. .03625- —
bgs., ctns., l.c.l., dlvd. or whse..lb. .08 - —
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, pure, bbls., l.c.l., works..lb. .08½- —
Lamp, 1, ctns., works.....lb. .08½- —
l.c.l., works.....lb. .09 - —
2, ctns., c.l., works.....lb. .10 - —
l.c.l., works.....lb. .11 - —
2A, ctns., c.l., works.....lb. .12 - —
l.c.l., works.....lb. .13½- —
3, ctns., c.l., works.....lb. .14½- —
l.c.l., works.....lb. .15½- —
4, ctns., c.l., works.....lb. .16½- —
l.c.l., works.....lb. .17½- —
5, ctns., c.l., works.....lb. .23 - —
l.c.l., works.....lb. .26 - —
6, ctns., c.l., works.....lb. .26½- —
l.c.l., works.....lb. .27½- —
7, ctns., c.l., works.....lb. .37½- —
l.c.l., works.....lb. .38½- —
Mineral, vine type, bbls., l.c.l., works..lb. .04¾- —
Vine A, bbls.....lb. .04½- .05
B, bbls.....lb. .05¾- —
kegs .....lb. .06 - —
Black dyes listed under Dyes.
Black haw root bark, bls.....lb. .85 - .90
Tree bark, bls.....lb. .30 - .35
Black Indian hemp root, bls...lb. No stocks
Blanc fixe, dry, by-product, bgs., c.l., works..ton.60.00 - —
l.c.l., works.....ton.67.50 - —
direct process, bgs., c.l., works, ton.70.00 - —
l.c.l., works.....ton.75.00 - —
bbls., c.l., works.....ton.75.00 - —
l.c.l., works.....ton.80.00 - —
pulp, 66⅔%, bbls., c.l., works, ton.40.00 - —
l.c.l., same basis.....ton.46.50 - —
Bleaching powder,[2,6] dms., c.l., works..100 lbs. 2.50 - 3.10
l.c.l., works.....100 lbs. 2.75 - 3.60
Blood,[1] dried, 16-16½% ammon., bgs..unit-ton. 5.53 - —
high-grade, unground, 16-17% ammon., bulk, Chicago.. unit-ton. 5.53 - —
soluble, bgs., c.l., Chicago...lb. .13½- —
smaller lots, Chicago.....lb. .15 - .20
Bloodroot, bls.....lb. .75 - 1.00
Blue,[1] alkali, dry, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. 1.75 - —
toner, bbls., same basis..lb. .85 - .90
Celectial, bbls., same basis...lb. .10 - .12
Cobalt,[3] genuine, bbls., same basis..lb. 4.90 - —
Imitation (see Blue, ultramarine).
Copper phthalocyanin, full strength, bbls., same basis, lb. 3.50 - 3.75
80%, bbls., same basis....lb. 3.00 - —
green shade, bbls., same basis..lb. 4.50 - 4.70
Iron, Chinese, bbls., same basis, lb. .36 - —
Milori, bbls., same basis...lb. .36 - —
Prussian, bbls., same basis, lb. .36 - —
soluble, bbls., same basis..lb. .36 - —
Molybdated, Victoria, same basis..lb. 3.15 - —
Peacock, fugitive, 100% color strength, same basis..lb. .52 - —
permanent, toner, green shade, molybdic..lb. 3.50 - —
tungstic .....lb. 4.00 - —
Potash, CP, bbls., same basis, lb. .42 - —
Soda, CP, bronze, bbls., same basis..lb. .36 - —
Ultramarine, dry or pulp, cobalt grades, bbls., same basis..lb. .23 - .27
job grades, bbls., same basis, lb. .12 - .13
reg. grades, bbls., same basis, lb. .17 - .27
Victoria, toner,[1] molybdic, bbls., lb. 3.15 - —
tungstic, bbls.....lb. 3.30 - —
ink toner, bbls., same basis, lb. 1.83 - —
syn. vehicle, bbls., same basis..lb. 1.93 - —
Violet, toner, molybdic, kgs., same basis..lb. 1.25 - —
tungstic, kgs., same basis, lb. 2.10 - —

Blue dry colors, dlvd. prices ½c. higher Ala., Fla., Ga., La. (Shreveport, 1¼c.); Miss., N. C., S. C., Tenn., Tex. (El Paso, 2c.); Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. higher, Pac. Coast; Denver, Pueblo, Salt Lake City, Wichita, frt. equalized with Chicago.

Blue dyes are listed under Dyes.

Blueflag root, bls.....lb. .55 - .75
Blue mass, NF, cns., tubs....lb. 1.29 - 1.46
powd., bots., cns., dms.....lb. 1.32 - 1.46
Bluestone (see Copper sulphate).
Blue vitriol (see Copper sulphate).
Bone, raw, bulk, Chicago....ton.57.50 -65.00
junk, bulk, same basis....ton.35.00 - —
meal, 4½% ammon., 50% phos., bgs., E. works..ton.37.50 - —
Chicago, works.....ton.39.50 - —
steamed, feeding grade, 1% ammon., 60% phos., bgs., E. works..ton.48.50 - —
Chicago, works.....ton.51.00 - —
fertilizer grade, 3% ammon., 50% phos., bgs., E. works, ton.38.50 - —
Chicago, works.....ton.37.00 - —
Precipitated (see Calcium phosphate tribasic, precip.).
Phosphate, defluorinated (see D).
Boneset leaves, bls.....lb. .15 - .17
Borage flowers, bls.....lb. .45 - .60
Borax,[2] tech., 99½%, gran., bulk, c.l., frt. alld..ton.41.50 - —
bgs., c.l., frt. alld....ton.45.00 - —
ton lots, ex whse....ton.56.00 - —
less ton lots, ex whse.ton.61.00 - —
bbls., c.l., frt. alld...ton.55.00 - —
ton lots, ex whse...ton.66.00 - —
less ton lots, ex whse.ton.71.00 - —

Acids

★

CITRIC

LACTIC

MALIC

PHOSPHORIC

TARTARIC

AND OTHERS

May we submit our list?

WILLIAM D. NEUBERG COMPANY

Chemicals

GRAYBAR BUILDING • 420 LEXINGTON AVE • NEW YORK 17, N. Y.
TELEPHONE LEXINGTON 2-3324

•

Borax, tech., 99½%, powd., bgs., frt. alld..ton.50.00 - —
ton lots, ex whse....ton.61.00 - —
less ton lots, ex whse.ton.66.00 - —
bbls., c.l., frt. alld....ton.60.00 - —
ton lots, ex whse....ton.71.00 - —
less ton lots, ex whse.ton.76.00 - —
USP- $15 per ton higher.
Bordeaux mixt., dms., c.l., whse., works, frt. alld..lb. .11 - —
l.c.l., same basis.....lb. .11½- —
Bornyl thiocyanoacetate (see Isobronyl thiocyanoacetate).
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .25 - .30
single pkgs., same basis..lb. .30 - .35
Bromoform, USP, bots.....lb. 1.50 - —
cbys. .....lb. 1.42 - —
Bromstyrol .....lb. 4.30 - 5.00
Bronze powder, aluminum (see A).
gold, litho., cns., dms., works, lb. .60 - .65
moulding, cns., dms., same basis..lb. .80 - 1.00
printing ink, cns., dms., same basis..lb. .85 - 1.20
radiator, cns., dms., same basis..lb. .45 - .50
Broomtop, bls.....lb. .13 - .15
Brown,[3] iron-oxide, pure, precip., cks., works..lb. .12 - —
metallic, bbls., c.l., works.lb. .02½- —
Sap, crystals, works.....lb. .12 - —
powdered .....lb. .13 - —
Sienna, burnt, American, bbls., works..lb. .03¾- .05
pap. bgs., c.l., same basis, lb. .0235- —
Italian type, bbls., works.lb. .03¾- .10¾
raw, American, bbls., works, lb. .04 - .10
Italian type, bbls., works.lb. .08 - .10
Brown, umber, American, bbls., works..lb. .03¾- —
Italian type, bbls., works.lb. .04¾- —
Turkey type, bbls., l.c.l., f.o.b. Boston, Bethlehem, Easton, Pa.; N. Y..lb. .04¾- —
St. Louis, Chicago, Indianapolis, New Orleans..lb. .05½- —
Minneapolis .....lb. .0533- —
Pittsburgh .....lb. .05 - —
ex car, Los Angeles..lb. .05⅝- —
Portland, San Francisco, Seattle..lb. .05½- —
ex whse., Los Angeles.lb. .05⅝- —
Portland, San Francisco, Seattle..lb. .05¾- —
Vandyke, reg., bbls., works..lb. .09 - —
special, bbls., same basis..lb. .12 - —
Brucine, 100-oz. cns.....oz. .35 - —
Sulphate, 100-oz, cns.....oz. .30 - —
Byronia root, bls.....lb. .65 - .75
Buchu leaves, bls.....lb. .80 - .85
Buckthorn bark, bls.....lb. .75 - .80
Berries, bgs.....lb. .70 - .75
Burdock root, bls.....lb. .30 - .32
Burgundy pitch, dms.....lb. .06 - —
Butane,[1] indust., tanks, Group 3, gal. .03½- —
Butyl acetate, normal,[1,6] ferment, Ill., Ind., prod., dms., c.l., frt. alld. E. of Miss R., lb. .1895- —
l.c.l., frt. same basis, lb. .1945- —
tanks, same basis.....lb. .1795- —
other production, dms., c.l., same basis..lb. .1900- —
l.c.l., same basis....lb. .1950- —
tanks, same basis....lb. .1800- —
synthetic, dms., c.l., same basis..lb. .11¾- —
l.c.l., same basis.....lb. .12¼- —
Butyl acetate, synth., normal, tanks, same basis..lb. .10¾- —
Normal butyl acetate, W. of Miss. R., ½c. per lb. higher.
secondary,[1,6] dms., c.l., dlvd. E. of Miss. R..lb. .09½- —
l.c.l., same basis.....lb. .10 - —
tanks, same basis.....lb. .08½- —
Alcohol (see Alcohol, butyl).
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Carbinol, secondary, l.c.l., dms., works..lb. .09 - —
Chloride, normal dms., c.l., works..lb. .32 - —
l.c.l., works.....lb. .35 - —
Ether (see Ether, butyl).
Lactate, dms., works.....lb. .26½- —
Laurate, dms., works.....lb. .42 - —
Myristate, dms., works.....lb. .41 - —
Oleate, ref., dms. works....lb. .35 - —
tech., dms., works.....lb. .29 - —
Phenylacetate, dms.....lb. 2.00 - 2.25
Phthalate (see Dibutyl Phthalate).
Propionate, dms., dlvd.....lb. .16½- .17
tanks .....lb. .15½- —
Stearate, dms.....lb. .31 - .31½
Butyric ether, bots.....gal. 6.50 - 6.95
cns., works.....lb. .65 - .70
dms., works.....lb. .60 - —

C

Cadmium bromide,[6] jars.....lb. 1.65 - 1.70
bots. .....lb. 1.84 - 1.91
Iodide,[6] bots.....lb. 4.23 - —
cns. .....lb. 4.09 - —
Lithopone (see Yellow).
Metal,[1,4] pat. shapes, cs., dlvd., lb. .95 - —
Ingots or sticks.....lb. .90 - —
Red (see Red).
Cadmium selenide (see Red).
Sulphide (see Yellow).
Caffeine,[1,6] dms., makers primary distrib., 100 lbs. or more..lb. 2.60 - 2.80
25 to 100 lbs.....lb. 2.95 - 3.10
smaller lots .....lb. 3.15 - 3.35
anhydrous, dms., 100 lbs. or more..lb. 3.00 - 3.08
25 to 100 lbs.....lb. 3.15 - 3.30
smaller lots .....lb. 3.35 - 3.45
Citrated, dms., makers primary distrib., 100 lbs. or more..lb. 1.95 - —
smaller lots .....lb. 2.65 - 2.80
Hydrobromide, bots.....lb. 5.29 - 5.37
Calabar beans, bgs.....lb. .35 - .40
Calamus root, dom., bls.....lb. .40 - .45
Calcium acetate, bgs., dlvd..... 100 lbs. 3.00 - 4.00
Arsenate,[6] bgs., c.l., whse., works, frt. alld..lb. .07 - .09
l.c.l., same basis.....lb. .07¼- .09¼
Bromide, jars .....lb. .65 - .70
Carbide,[1,6] dms., c.l., works, ton.50.00 - —
dlvd. .....ton.87.00 -95.00
Carbonate (see Chalk and Whiting).
Chloride, flake, 77-80%, paper, bgs. c.l., dlvd..ton.18.50 -35.00
l.c.l., 15 tons, dlvd...ton.21.50 -25.50
5-ton lots .....ton.28.50 -41.00
liquor, basis 40%, tanks, wks. ton. 7.50 - —
purified, cryst., bbls., jars.lb. .28 - .39
solid, 73-75%, dms., c.l., dlvd. ton.18.00 -31.50
solid, 73-75%, dms., l.c.l., 15 tons, dlvd..ton.21.45 -25.45
5-ton lots .....ton.28.45 -40.95
Calcium chloride prices vary according to zone min. prices, spot. C.l. prices for flake in burlap paper-lined bags, $2.50 per ton over paper bags; drums $3.50 per ton over paper bags.
Gluconate, USP, gran., bbls..lb. .52 - —
dms. .....lb. .57 - .58
cns, ...lb. .70 - —
Powd., 2c. per lb. lower.
Glutamate, kgs. .....lb. 1.50 - —
Glycerophosphate, fiber dms., 1,000-lb. lots..lb. 1.29 - —
10-lb. lots .....lb.1.40 - —
cns., 25 lbs. .....lb. 1.65 - —
Hypophosphite, cns. .....lb. .62 - .65
Iodide, bots., jars.....lb. 4.04 - 4.10
Lactate, edible, 100 lbs., dms., lb. .21 - —
USP, bbls. .....lb. .35 - .37
Laurate, bbls. .....lb. .28 - .29
Mandelate, dense, fluffy, dm...lb. 2.05 - 2.30
Naphthenate, 4% Ca, 50-gal. dms..lb. .22½- —
Pantothenate, dex., 100-gram bots..per gram. .10 - —
Phosphate, feeding grade, bgs., works..ton.75.00 - —
food grade, bbls., 10 or over, works..lb. .07 - .07¾
5 to 9 bbls., works.....lb. .08 - .09
1 to 4 bbls., works.....lb. .10 - —
medicinal, dibasic, bgs..... 100 lbs.11.40 -18.00
monobasic, cryst., bgs., c.l., works, frt. equald..lb. .05¾- —
l.c.l., frt. equald....lb. .06 - .06½
tribasic, bbls., c.l., works.lb. .0635- —
Resinate, precip., 5.3% Ca, 100-lb. dms..lb. .15½- —
Silicate, hydrated, 50-lb. paper bgs., c.l., works..lb. .03½- —
l.c.l., works.....lb. .06 - —
Stearate, precip., bbls., c.l., works..lb. .25 - —
l.c.l., same basis.....lb. .26 - .28
Sulphate (see Gypsum).
Sulphide, 70%, bgs., c.l., works, ton.45.00 - —
80%, bgs., c.l., works....ton.50.00 - —
luminous, tins, works.....lb. 1.00 - —
Sulphocarbolate, bbls. .....lb. .49 - —
Tallate, 3%-4% Ca, 50-gal. dms..lb. .13¼- .19½
Calcium-strontium sulphide, phosphorescent, dms., works..lb. 1.00 - 1.50
fine particle size, works, lb. 1.50 - 1.75
Calendula flowers, bls.....lb. 3.25 - 3.30
Calomel,[6] bbls., dms.....lb. 1.88 - 1.89
Camphor, natural.....lb. No stocks
synth., tech., bbls., contract, 2,000 lbs. or more, works, lb. .42 - —
10 bbls. (1,500 lbs.).....lb. .44½- —
5 to 9 bbls.....lb. .45 - —
1 to 4 bbls.....lb. .46 - —
smaller lots.....lb. .48 - .55
USP, gran., powd., bbls., 2,000-lb. lots..lb. .69 - —
1,000-lb. lots.....lb. .70 - —
smaller lots.....lb. .71 - —
tablets, 2,000-lb. lots....lb. .82 - —
1,000-lb. lots.....lb. .83 - —
smaller lots.....lb. .84 - —
Monobromate, dms.....lb. 3.10 - 3.25
Canada balsam (see Fir balsam).
Cantharides .....lb. No stocks
Capsicum (see Pepper, red).
Caramel coloring, bbls.....gal. .70 - 1.10
Caraway seed,[1] Morocco, dewhiskered, bgs..lb. .68 - .69
Spanish, dewhiskered, bgs...lb. .66 - .67
Syrian, dewhiskered, bgs....lb. .64 - .66
Carbazole, 95%, dms., ton lots, works..lb. .70 - —
smaller lots, works.....lb. .80 - —
98%, dms., ton lots, works...lb. .75 - —
smaller lots, works.....lb. .85 - —
Carbinol, butyl, norm. (see Amyl alcohol, normal).
Diethyl, l.c.l., works.....lb. .60 - —
Dimethylethyl, l.c.l., works..lb. .60 - —
Isobutyl, dms., c.l., works..lb. .22½- —
l.c.l., works.....lb. .23½- —
tanks, works.....lb. .21½- —
Carbon bisulphide, 55-gal. dms., c.l., frt. alld. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05¾- —
5-gal. dms., c.l., same basis, lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08½
Dioxide, cyls.....lb. .06 - .08
Tetrachloride,[1,6] c.p., dms., c.l., lb. .07½- —
l.c.l. .....lb. .08 - —
tech., Zone 1, 52½-gal. dms., c.l., frt. alld..gal. .75 - —
l.c.l., frt. alld.....gal. .80 - —
5 or 10-gal. dms., c.l., frt. alld..gal. .97 - —
l.c.l., frt. alld.....gal. 1.07 - —
Zone 2, 52½-gal. dms., c.l., frt. alld..gal. .80 - —
l.c.l., frt. alld.....gal. .87 - —
5 or 10-gal. dms., c.l., alld..gal. 1.04 - —
l.c.l., frt. alld.....gal. 1.14 - —
Zone 3, 52½-gal. dms., c.l., frt. alld..gal. .84 - —
l.c.l., frt. alld.....gal. 1.00 - —
5 or 10-gal. dms., c.l., frt. alld..gal. 1.17 - —
l.c.l., frt. alld.....gal. 1.27 - —
Zone 4, 52½-gal. dms., c.l., gal. .88 - —
l.c.l. .....gal. .90 - —

Net balance, $9,396,484,748.

East Pepperell Plant to Get Army-Navy "E" Award

Bemis Bro. Bag Co. Presentation to Follow Parade and Elaborate Cere

Pepperell Plant Wins High Praise

Army-Navy to Take Part in Bemis "E" Ceremonies

PEPPERELL The Bemis Bag Co. will receive the

Bemis Bag Co., Pepperell, Gets E Award on Thursday

Presentation ceremony for the perell, Mass. The public is cordially invited to attend. Army-Navy "E" to the East Pep- their presence is parell plant of Bemis Bro Ba held at 2

has made a close study "underground" movement ny. His subject will be Peace in Europe—What t Cost?"

Collector of Internal Denis W. Delaney, who announces that approximately 25,000 corporations must fill in the returns and file them by July 31.

Gas Resistant Sacks Win 'E' For an East Pepperell Firm

War Activities of New England

East Pepperell Plant Honored With Army-Navy "E" Award

Bemis Bro. Bag Co., Wins Tribute From Service's for Production Achieveme

By Barbara A. Browne

PEPPERELL—Impress ies of the presentatio ed army-navy "E" a Bemis Brothers Bag brought cre

(Continued

Bemis Bro. Firm to Get Army "E" for Fine Service

East Pepperell, Mass., June 23 Awarding of the coveted Army-N "E" to the Bemis Bro. Bag has just been announced Secretary of War, R.S.Pat ron in Washington.

Brigadier General Al assistant chief of the C fare Service for Field will journey from Was the principal speake emony schedu

tioned, but now they plan to send him a special "citation" si staff

Grateful... Proud... Humble...

EMPLOYEES of the Bemis Bro. Bag Co. at East Pepperell, Mass., whose war production work has earned the prized Army-Navy "E" are deeply grateful for the opportunity to help their country and the men fighting for it.

They are proud that their work has been considered worthy of this special recognition by our Army and Navy.

They are sincerely humble in the realization that their contribution is, even so, only "a drop in the bucket" compared to that of the fighting men whose efforts they are supporting.

And the Bemis Company is proud of these employees ... and grateful and humble with them.

BEMIS BAGS

BEMIS BRO. BAG CO.

Peoria, Ill. • East Pepperell, Mass. • Mobile, Ala. San Francisco, Calif. • Wilmington, Calif. • St. Helens, Ore.

Baltimore • Boston • Brooklyn • Buffalo • Charlotte • Chicago • Denver Detroit • Houston • Indianapolis • Kansas City • Los Angeles • Louisville Memphis • Minneapolis • New Orleans • New York City • Norfolk • Ohio Omaha City • Omaha • St. Louis • Salina • Salt Lake City • Seattle • Wichita

BETTER BAGS SINCE 1858

Carbon tetrachloride, Zone 4, 5 or 10-gal. dms, c.l..gal. 1.07 - —
l.c.l. .....gal. 1.17 - —
USP, ebys.....lb. .17 - .19
Carbon tetrachloride prices are frt. alld. with the exception of Zone 4, where prices are f.o.b. cars, L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Sales zones are:—1, Conn., Del., Ill., Ind., Ia., Me., Mass., Md., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., O., Pa., R. I., Tenn., Va., W. Va., Wis., and river cities of Burlington, Ia., and Kansas City, Kans.; 2, Ala., Ark., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D.; 3, Colo., N. Mex., Tex., and Montana points E. of Billings; 4, Ariz., Cal., Idaho, Nev., Ore., Utah, Wash. and Montana points W. of Billings.

Cardamom,[1] bleached, bold, cs., lb. 1.25 - 1.80
medium, cs.....lb. 1.15 - 1.20
decorticated, cs.....lb. .85 - .90
green, bgs.....lb. .60 - .62
Carotene, crystalline (alpha, 10%; beta, 90%), amps, 100 grams, dlvd..gram. 2.85 - —
50 grams, dlvd.....gram. 2.90 - —
Carvol, bots.....lb. 22.50 -23.00
Cascara sagrada bark, bulk....lb. .31 - .32
Case hardening mixture, 30%, gran., dms., l.c.l..lb. .09¾- —
slabs, dms., l.c.l.....lb. .08¾- —
Casein,[1,6] dom., acid-precip., bgs., 100 or more, ship't point..lb. .24 - —
20 to 99, same basis....lb. .24¼- —
less than 20, same basis, lb. .24¾- —
rennet-precip., bgs., 100 or more, same basis..lb. .25½- —
20 to 99, same basis....lb. .25¾- —
less than 20, same basis, lb. .26¼- —
imp., acid-precip., ground, bgs., 100 bgs. or more..lb. .18 - .18½
rennet-precip., unground, bgs., 100 bgs. or more..lb. .20½- .21
Cassia.[1] .....lb. No stocks
Cassia fistula, bskts.....lb. .23 - .24
Castor beans, f.o.b. Brazilian ports..long ton. 75.00 - —
Oil (see Oil, castor).
Pomace,[1] bgs., c.l., works..... unit-ton. 2.90 - —
Castoreum, nat., cns.....lb. 12.50 -13.00
synth., bots.....lb. 19.00 - —
Catechol, CP, cryst., works, f.b. dms., tin..lb. 2.15 - 2.30
resublimed, frt. alld. E. of Miss., dms..lb. 3.50 - —
Catnep, bls.....lb. .27 - .28
Celery seed,[1] Indian, bgs.....lb. .19½- .20
Celluloid scrap (see Pyroxylin scrap).
Cellulose acetate,[4,6] flake, ctns., works, frt. alld..lb. .30 - .35
granules, ctns., same basis..lb. .35 - —
Triacetate,[4,6] flake, ctns., works, frt. alld..lb. .30 - —
Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works..lb. .35 - —
kgs., works.....lb. .37 - —
Oxide, optical grade, kgs., 100-lb. lots, works..lb. 1.50 - —
smaller lots, bgs., same basis..lb. 2.00 - —
Chalk, precipitated, cosmetics, dentifrices, and drugs, bgs., c.l., works..lb. .02⅞- —
paint and other industries, bgs., c.l., works..ton. 40.00 - —
papermakers, bgs., c.l., works. ton. 32.50 - —
rubbermakers, bgs., c.l., works. ton. 30.00 - —

Chamomile, Hungary type, cs..lb. .50 - .60
Roman, bls.....lb. No stocks
Charcoal, pinewood,[1,6] gran., pulv., bgs., c.l., f.o.b. producers' plants in South..ton. 30.20 - —
l.c.l., same basis.....ton. 41.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract,[1,6] clarif., 25%, bbls., c.l., works..100 lbs. 2.85 - 3.85
l.c.l., works.....100 lbs. 3.10 - 4.10
tanks, works.....100 lbs. 2.25 - 3.25
powdered, 65% tannin, bgs., c.l., works..100 lbs. 6.50 - 9.10
l.c.l., works.....100 lbs. 7.25 - 9.85
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton. 16.00 - —
bulk, c.l., works...ton. 7.60 - —
200 mesh, bgs., c.l., wks. ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet grd., silkbolt 99.9%, 325 mesh, bulk, c.l., works. ton. 9.50 - —
paper bgs., c.l., works. ton. 12.50 - —
import, white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila...ton. 19.00 -24.00
powd., cks., l.c.l., ex whse. ton. 41.00 - —
Chloral hydrate, jars.....lb. .93 - .98
dms.....lb. .90 - .95
Chlorinated rubber,[6] standard, ctns., 100 lbs. up, works..lb. .32 - —
smaller lots, works.....lb. .35 - —
Chlorine,[3,5,6] liquid, cyls., c.l..lb. .05½- —
contracts.....lb. .05⅛- —
l.c.l.....lb. .07¼- —
tanks, single units, works, frt. equald 100 lbs. 1.75 - —
multiple units, 3 or over, works, frt. equald..... 100 lbs. 2.00 - —
2, wks., frt. equald..100 lbs. 2.50 - —
1, wks., frt. equald..100 lbs. 3.00 - —
Chloroform, tech., dms.....lb. .20 - .23
USP, dms.....lb. .30 - .33
Chloropicrin, com'l, 180-lb. cyls., works, frt. alld..lb. .80 - —
100-lb. cyls., same basis....lb. .82 - —
25-lb. cyls., ex whse.....lb. 1.00 - —
1-lb. bots., ex whse.....lb. 1.25 - —
Choline chloride, fib. dms.....lb. 3.00 - 3.10
Dihydrogen citrate, fib. dms..lb. 3.00 - 3.10
Chrome acetate, powd., 24%, bbls. lb. .22 - —
solut., 8%, bbls., cs.....lb. .07½- —
7½%, bbls., cs.....lb. .06½- —
Cake, bulk, c.l., works.....ton. 16.00 - —
Ore,[1] residue, paper bgs., c.l., works..ton. 15.00 - —
Oxide (see Green, chrome).
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, bot.....lb. 6.03 - 6.09
Cinchona bark,[6] red, quill, USP, 10 in., cs..lb. 1.20 Nom.
broken, bgs.....lb. .19 Nom.
yellow, quill, bgs.....lb. .19 Nom.
Cinchonidine,[6] small, cryst., cns., 100 oz. .80 + .13½*
sulphate, NF, cns., 100 ozs..oz. .89 + .13½*

* Surcharge to cover present war-risk insurance, higher ocean freight rates and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchonine,[6] small, cryst., cns., 100 ozs..oz. .62 + .13½*
large cryst., cns., 100 ozs..oz. .66 + .13½*
Sulphate, NF, cns., 100 ozs..oz. .42 + .13½*

* Surcharge to cover present war-risk insurance, higher ocean freight rates and other expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchophen, NF, bots.....lb. 3.70 - 3.80
dms.....lb. 3.50 - 3.60
Heavy density cinchophen 20c. per lb. higher.
Cinnamic alcohol (see Alcohol, cinnamic).
Aldehyde, cns., dms.....lb. 2.00 - 2.20
Cinnamon,[1] Ceylon, 2, bls.....lb. .53 - .53½
No. 2, bls.....lb. .52 - .53
chips, bgs.....lb. .56 Nom.
Citral, bots., cns.....lb. 2.25 - 4.75
Citrine ointment,[2] jars.....lb. .91 - 1.11
Citronellal, bots., dms.....lb. 2.75 - 3.25
Citronellol, bots., dms.....lb. 6.00 - 7.00
Cloves,[1] Madagascar, bls.....lb. .18½- .19
Zanzibar, bls.....lb. .21½- .22
St. Louis, bls.....lb. .21 - .21½
Clover tops, red bgs.....lb. No prices.
Coaltar, coal-gas, crude, bbls., l.c.l., works..bbl. 8.25 - —
l.c.l., works.....bbl. 8.75 - —
tanks, works.....gal. .07¼- —
refd., bbls., c.l., works...bbl. 6.75 - —
l.c.l., works .....bbl. 9.25 - —
tanks, works .....gal. .08½- —
water-gas, crude, dms., c.l., works..bbl. 8.25 - —
l.c.l., works.....dm. 8.75 - —
refd., dms., c.l., works..dm. 9.25 - —
Cobalt acetate,[6] bbls., kgs., dlvd., lb. .83⅝- —
feed grade, 49.5% Co., kgs..lb. 1.25 - —
Carbonate,[6] powd., bgs., works, lb. 1.58 - —
feed grade, 23% Co., kgs...lb. 1.35 - —
Chloride, kgs., works.....lb. .87½- —
feed grade, 24.5% Co., kgs..lb. 1.25 - —
Hygrade,[6] bbls.....lb. 2.04 - —
feed grade, 62% Co., kgs...lb. 2.25 - —
Linoleate, paste, 8%, dms....lb. .32 - .35
solid, 8½%, dms.....lb. .44 - —
Naphthenate, 6% Co., 50-gal. dms..lb. .31 - —
Nitrate, feed grade, 20.4% Co., kgs..lb. 1.25 - —
Oleate, bbls.....lb. .44 Nom.
Oxide,[6] black, kgs.....lb. 1.84 - —
Phosphate, feed grade, 34% Co., kgs..lb. 1.75 - —
Resinate, precip., 7.5% Co., 100-lb. dms..lb. .38½- —
Soyate, 8%-8.5% Co., 50-gal. dms..lb. .42 - .44
Sulphate,[6] dms.....lb. .35 - —
feed grade, 21% Co., kgs...lb. 1.00 - —
Cobalt salts, feed grade, quotations are f.o.b. Philadelphia, Cleveland, or New York.
Cobalt-ammonium sulphate, 14% Co., kgs..lb. .75 - —
Cocaine hydrochloride, 100-oz. lots, cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .37 - .38
silver, Teneriffe, bgs.....lb. .38 - .39
Cocoa butter,[1] bulk, ship't pt..lb. .25 - —
Cocillana bark, bgs.....lb. .28 - .30
Codeine, cns., 100 ozs.....oz. 11.70 - —
Hydrochloride, cns., 100 ozs..oz. 10.50 - —
Phosphate, cns., 100 ozs.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).

Cohosh root, black, bls.....lb. .18 - .20
blue, bls.....lb. .18 - .20
Colchicine, bots., cns.....oz. No stocks.
Cochicum seed .....lb. No stocks.
Collodion, USP, dms.....lb. .19½- .20½
cns.....lb. .23 - .29½
flexible, USP, dms.....lb. .21 - .32
cns.....lb. .25 - .31
Colocynth pulp, bls.....lb. .60 - .65
Colombo root, bls.....lb. .17 - .19
Coltsfoot leaves, bgs.....lb. .90 - 1.00
Condurango barx, bg.....lb. .12 - .15
Copaiba balsam, Peru, cns..lb. .47 - .49
S. A., USP, cns.....lb. .50 - .53
Copper acetate,[6] cupric, bbls., dlvd..lb. .24 - —
smaller containers, dlvd..lb. .26 - .50
Carbonate,[6] 52-54%, bbls....lb. .19½- .20
Chloride,[6] anhyd., bbls.....lb. .22½- .23
crystals, bbls.....lb. .14¾- .17
Cyanide,[6] tech., bbls.....lb. .34 - .38
Iodide, bots.....lb. 5.15 - 5.19
Metal,[1,4,6] electrolytic.....lb. .12 - .12½
Naphthenate, 6%-8% Cu, 50-gal. dms..lb. .15 - .17
Nitrate,[6] tech., cryst., bbls..lb. .16¾- .20
Oleate, precip., bbls.....lb. .22¼- .20½
Oxide,[6] black, bbls., works..lb. .19 - .20
red, com'l, kgs.....lb. .20 - .22
Oxychloride-sulphate,[6] bgs...lb. .17 - .20
Resinate, precip., 8.3% Cu, 125-lb. dms..lb. .15½- .16
Sulphate,[1,6] 99%, cryst., bgs., c.l., works..100 lbs. 5.00 - —
7,200 to 36,000 lbs...100 lbs. 5.15 - —
2,700 to 7,200 lbs....100 lbs. 5.25 - —
700 to 2,700 lbs.....100 lbs. 5.50 - —
monohydrated, bgs., in dms., c.l., dlvd..100 lbs. 9.95 - —
l.c.l., same basis...100 lbs. 10.95 - —
dms., c.l., dlvd., same basis, 100 lbs. 8.95 - —
l.c.l., same basis...100 lbs. 9.95 - —
Copperas, cryst., gran., bgs., c.l., works..ton. 17.00 - —
bbls., c.l., works.....ton. 20.00 - —
l.c.l., 25, works.....100 lbs. 1.55 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton. 14.00 - —
Copra, Coast, ship't.....lb. No prices
Coriander seed,[1] Indian, bgs..lb. No stocks
Morocco, bgs.....lb. .13¼- .13¾
Cornsilk, bls.....lb. .24 - .26
Corn sugar, tanners,[6] chipped, bgs., c.l., dlvd..100 lbs. 3.905 - —
slabs, bbls., c.l.....100 lbs. 3.825 - —
Syrup, 42°, bbls., c.l....100 lbs. 4.221 - —
43°, bbls., c.l.....100 lbs. 4.271 - —
Corrosive sublimate,[6] cryst., dms., 50 lbs. or more..lb. 1.59 - —
gran., powd., dms., 50 lbs. or more..lb. 1.44 - —
Cottonroot bark, bls.....lb. .18 - .19
Cottonseed hull ash, 32-36% pot-ash, bgs., dlvd..unit-ton. 1.00 - —
Meal,[1] 41% protein, Memphis, c.l..ton. 45.00 -49.75
Coumarin,[1] cns., makers, primary distrib., 5 lbs. or more..lb. 2.75 - —
smaller lots.....lb. 2.90 - 3.10
Cramp bark, NF, bls.....lb. .80 - .85
Cream of tartar, USP, gran. or powd., bbls., 5,000 lbs. one ship't..lb. .57½- —
smaller lots, bbls.....lb. .58 - —
kgs.....lb. .58½- —
Creosote carbonate, bots., cbys., lb. 2.10 - 2.30
Coaltar, oil,[3] crude, tanks, works...gal. .15½- —
refd., bbls., l.c.l., works.gal. .26 - —
tanks, works.....gal. .18 - .18½
solution, tanks, works....gal. .141 - —

SPOT DELIVERIES

Announcing resumption of shipments from India

We are very glad to again be able to supply from stock

INDIAN "SHAMVA" MAGNESITE

INDIAN "SHAMVA" HEAVY CALCINED MAGNESIA

COLOR-WHITE MANGANESE 0.001% IRON 0.1% MAGNESIA (on Ignition) 94% Plus

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NICKEL FORMATE • Also NICKEL CATALYST • NICKEL CARBONATE • NICKEL OXIDE, ETC.

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Creosote, wood, beech, bots....lb. 1.04 - —
cbys., dms.....lb. .85 - —
Hardwood, USP, bots.....lb. .60 - .77
Pine, dms.....gal. .28 - —

Cresol,[2,6] special resin grades, dms., c.l., works, frt. equald., lb. .09¼- .10¾
l.c.l., same basis.....lb. .10 - .11
tanks, same basis.....lb. .08¾- .09¾
USP, dms., c.l., works, freight equald..lb. .10¾- .11¼
l.c.l., same basis.....lb. .11¼- .11¾
tanks, same basis.....lb. .10 - .10½

Crotonaldehyde, 97%, 55 and 110 gals., l.c.l., works..lb. .15 - —
5 and 10-gal. dms., works..lb. .18 - —

Cryolite, nat.,[4] bgs., bbls., c.l., 100 lbs. 9.50 - —
smaller lots.....100 lbs. 10.00 - —

synth.,[4] bgs., bbls., c.l., frt. alld. E. of Miss. R...lb. .06¼- —
smaller lots, works...lb. .09¾- —

Cube root, 5% rotenone, bbls., works..lb. .40 - —
4% rotenone, bbls., works..lb. .32 - —

Cubeb berries, XX, bgs.....lb. No stocks
powd., cs.....lb. No stocks

Culver's root, bls.....lb. .27 - .28

Cumin seed, Cyprus, bgs.....lb. No stocks
Indian, bgs.....lb. No stocks
Morocco, bgs.....lb. No stocks
Persian, bgs.....lb. No stocks

Cyanamide,[6] fertilizer mixing grade, guaranteed 21% N., pulv., bgs., Niagara Falls, Ont., contracts..unit-ton. 1.52½- —
20.6% N., gran., bulk, same basis..unit-ton. 1.62½- —

Cyclohexane, 98-100%, works..lb. .14 - .16
tech., dms., c.l., frt. alld. E..lb. .10¾- —
l.c.l., frt. alld. E.....lb. .11 - —
tanks, frt. alld. E.....lb. .09¾- —

Cyclohexane prices are 1c. per lb. higher, frt. alld., in Cal., Ore., Tex., and Wash.; 2c. higher in Ariz., Col., Ida., Kans., Mont., Neb., Nov., N. D., N. M., Okla., S. D., Utah, and Wyo.

Cyclohexanol, 98-100%, works..lb. .21 - .22
Cyclohexanone, 98-100%, wks..lb. .30 - .33
tech., dms., c.l., frt. alld. E., lb. .30 - —
l.c.l., frt. al'd. E.....lb. .30½- —
tanks, frt. alld. E.....lb. .29 - —

Cyclohexanone prices are 1c. per lb. higher, frt. alld., in Cal., Ore., Tex., and Wash.; 2c. higher in Ariz., Col., Ida., Kans., Mont., Neb., Nev., N. D., N. M., Okla., S. D., Utah, and Wyo.

Cyclopropane, USP, cyls., dlvd., gal. .27 - —

D

Dandelion root, bls.....lb. .30 - .32
Lecanol,[6] normal, tech., dms., dlvd..lb. .35 - —
Deertongue, bls.....lb. .23 Nom.
Defluorinated phosphate,[1] paper bgs., works..ton. 34.25 - —
Degras,[1,6] common, bbls.....lb. .10 - .12
neutral, 2% ffa, bbls.....lb. .26 - .29
over 2% ffa, bbls.....lb. .26 - .27
Damiana leaves, bls.....lb. .16 - .17
Derris root (same as Cube root).
Dextrin, British gum, bgs., c.l. 100 lbs. 5.29 - —
Chicago .....100 lbs. 4.93 - —
l.c.l. .....100 lbs. 5.39 - —
Chicago .....100 lbs. 5.03 - —
Corn, canary, bgs., c.l....100 lbs. 5.04 - —
Chicago .....100 lbs. 4.68 - —
l.c.l. .....100 lbs. 5.14 - —
Chicago .....100 lbs. 4.78 - —
white, bgs., c.l.....100 lbs. 4.97 - —
Chicago .....100 lbs. 4.61 - —
l.c.l. .....100 lbs. 5.07 - —
Chicago .....100 lbs. 4.71 - —
Potato, bgs., c.l.....lb. .10 - —
l.c.l. .....lb. .10¼- .11¾
Diacetone (see Alcohol, diacetone).
Diacetyl, bots.....lb. 6.00 - 7.00
Diamyl ether (see Amyl ether).
Phthalate,[6] dms., c.l., dlvd..lb. .2170- .2200
l.c.l., dlvd.....lb. .2220- .2250
tanks, dlvd.....lb. .2070- .2100
Sulphide, l.c.l., dms., works.lb. .25 - —
Diamylamine, dms., c.l., wks..lb. .61 - —
l.c.l., works.....lb. .64 - —
Diamylphenol, 2:4, dms., c.l., works..lb. .18 - —
l.c.l. .....lb. .21 - —
Diatomaceous earth, dom., CP., bgs., c.l., Atlantic Coast.. lb. .07 - —
l.c.l., ex whse.....lb. .10 - .16
nat., bgs., c.l., Pacific Coast. ton. 22.00 - 25.00
l.c.l., ex whse.....ton. 45.00 - —
purified, bgs., c.l., Atlantic Coast..ton. 55.00 - 59.00
l.c.l., ex whse.....ton. 85.00 - 90.00
imported, Algerian, bgs., c.l., Atlantic Coast..ton. No prices
Mexican, white, bgs., c.l., Atlantic Coast..lb. .02 - .03
l.c.l. .....lb. .04 - .06
Dibutyl phthalate,[6] 5-gal. cns., works..lb. .2480- —
1-gal. cns., same basis..lb. .2680- —
dms., c.l., same basis....lb. .1950- .2290
l.c.l., same basis.....lb. .2000- .2340
tanks, same basis.....lb. .1850- .2190
Sebacate, dms., works.....lb. .497 - .517
Tartrate, dms.....lb. .92 - 1.02
Dibutylamine, dms., c.l., works.. lb. .61 - —
l.c.l., works.....lb. .64 - —
Dichloroethyl ether,[6] dms., c.l., works..lb. .15 - —
l.c.l., same basis.....lb. .16 - —
tanks, same basis.....lb. .14 - —
Diethanolamine,[6] dms., c.l., frt. alld. in E..lb. .24 - —
l.c.l., same basis.....lb. .25 - —
tanks, same basis.....lb. .23 - —
Diethyl carbonate, com'l, dms.lb. .25 - —
refd., 99%, dms.....lb. .30 - —
Oxalate, dms., c.l., dlvd.....lb. .3020- —
l.c.l., dlvd.....lb. .3070- —
Phthalate,[6] dms., c.l., dlvd..lb. .2025- .2120
l.c.l. .....lb. .2075- .2170
tanks .....lb. .1925- .2050
Sulphate, dms., c.l., works lb. .15 - —
l.c.l., works.....lb. .14 - —
tanks .....lb. .12 - —
Diethylamine, dms., c.l., works. lb. .76 - —
l.c.l., works.....lb. .81 - —
Diethylaminoethanol,[6] l.c.l., dms., works, frt. alld. E. of Miss. R..lb. .75 - —
Diethylanilin, dms.....lb. .40 - —
Diethyleneglycol, dms., c.l., frt. alld. in E..lb. .14½- —
l.c.l., same basis.....lb. .15½- —
tanks, same basis.....lb. .13½- —
Monobutylether, dms., works.lb. .22½- .24½
Monoethylether,[6] dms., works..lb. .14½- —
l.c.l., works.....lb. .15½- —
tanks, works.....lb. .13½- —
Digitalis leaves, dms.....lb. .60 - .65
Diglycol laurate, dms.....lb. .81 - .82
Oleate, light, bbls., c.l.....lb. .17 - —
Stearate, bbls., c.l.....lb. .22 - —
Di-isobutyl ketone, dms., works. lb. .19 - —
Dillseed, cleaned, bgs.....lb. No stocks
dewhiskered, bgs.....lb. .15¼- .15¾
Dimethyl phthalate,[6] dms., c.l., dlvd..lb. .1875- —
l.c.l., dlvd.....lb. .1925- —
tanks, dlvd.....lb. .1775- —
Dimethylamine, dms., c.l.....lb. .85 - —
l.c.l., dlvd.....lb. .90 - —
Dimethylanilin, dms., c.l.....lb. .23 - —
l.c.l. .....lb. .24 - —
Dimethylethyl carbinol (see carbinol)
Dinitrobenzene, bbls., 80° min.lb. .18 - —
Dinitrochlorobenzene, dms.....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .22 - —
Dinitrotoluene, dms.....lb. .18 - —
oily, dms.....lb. .05 - —
Diorthotoluolguanidin,[6] dms., tons, dlvd..lb. .44 - —
smaller lots.....lb. .46 - .47
Dioxan, dms., c.l., frt. alld...lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene,[1,6] dest. dist., dms., dlvd. E..gal. .55 - .56
tanks, dlvd. E.....gal. .45 - —
single dist., dms., dlvd. E..gal. .55 - .58
tanks, dlvd. E.....gal. .52 - —
Diphenyl, bbls., c.l., works...lb. .15 - —
l.c.l., works.....lb. .16 - .20
Oxide, perfume grade, cns...lb. .48 - .50
dms. .....lb. .43 - .45
Diphenylamine,[6] bbls.....lb. .25 - —
Diphenylguanidin,[6] dms., tons.lb. .35 - —
smaller lots.....lb. .36 - .37
Divi-divi,[6] bgs., ex dock.....ton. 68.00 - 70.00
Doggrass root, imp., cut, NF, bls..lb. .50 - .55
dom., bls.....lb. .36 - .45
Dogwood bark, Jamaica, bls...lb. .15 - .20
Dover's powder, USP, cns.....lb. 2.75 Nom.
Dragon's blood, reeds, cs.....lb. .85 - .90
Dyes, coaltar (certified colors for foods, drugs and cosmetics—
Blue, FD&C blue, No. 1, cns.lb. 13.50 - —
FD&C blue, No. 2, cns....lb. 13.50 - —
Green, FD&C green, No. 1 cns. lb. 13.50 - —
FD&C green, No. 2, cns...lb. 17.50 - —
FD&C green, No. 3, cns...lb. 27.50 - —
Orange, FD&C orange, No. 1, cns..lb. 2.90 - —
FD&C orange, No. 2, cns..lb. 3.65 - —
Red, FD&C red, No. 1, cns..lb. 6.00 - —
FD&C red, No. 2, cns.....lb. 3.15 - —
FD&C red, No. 3, cns.....lb. 17.50 - —
FD&C red, No. 4, cns.....lb. 5.75 - —
FD&C red, No. 32, cns....lb. 4.15 - —
Yellow, FD&C yellow, No. 1, cns..lb. 8.50 - —
FD&C yellow, No. 3, cns..lb. 2.65 - —
FD&C yellow, No. 4, cns..lb. 2.65 - —
FD&C yellow, No. 5, cns..lb. 3.15 - —
FD&C yellow, No. 6, cns..lb. 3.15 - —
Dyes, coaltar (certified colors for drugs and cosmetics—
Black, D&C black, No. 1, cns. lb. 8.35 - —
Blue, D&C blue, No. 4, cns..lb. 12.85 - —
Brown, D&C brown, No. 1, cns.lb. 12.35 - —
Green, D&C green, No. 5, cns. lb. 12.35 - —
D&C green, No. 6, cns.....lb. 12.35 - —
Orange, D&C orange, No. 3, cns...lb. 8.35 - —
D&C orange, No. 4, cns....lb. 15.35 - —
D&C orange, No. 10, cns...lb. 15.85 - —
Red, D&C red, No. 8, cns...lb. 2.85 - —
D&C red, No. 17, cns.....lb. 8.35 - —
D&C red, No. 18, cns.....lb. 15.35 - —
D&C red, No. 19, cns.....lb. 15.35 - —
D&C red, No. 22, cns.....lb. 8.35 - —
D&C red, No. 33, cns.....lb. 13.35 - —
D&C red, No. 37, cns.....lb. 12.35 - —
Yellow, D&C yellow, No. 7, cns..lb. 8.35 - —
D&C yellow, No. 8, cns....lb. 8.35 - —
D&C yellow, No. 11, cns...lb. 10.35 - —
Dyes, coaltar (certified colors for external use, drugs and cosmetics—
Blue, Ext. D&C blue, No. 1, cns..lb. 12.35 - —
Green, Ext. D&C green, No. 1, cns..lb. 12.35 - —
Red, Ext. D&C red, No. 1, lb. 7.25 - —
Ext. D&C red, No. 3, cns..lb. 21.85 - —
Ext. D&C red, No. 8, cns..lb. 7.85 - —
Ext. D&C red, No. 10, cns.lb. 12.35 - —
Ext. D&C red, No. 13, cns.lb. 12.35 - —
Yellow, Ext. D&C yellow, No. 1, cns...lb. 8.35 - —
Dyes, coaltar, for general uses[4] (numbers are those of Colour Index scale)—
36 Chrome yellow, 2G....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. .70 - .80
170 Fast red A.....lb. .56 - .60
180 Fast red VR.....lb. 1.50 - 1.60
189 Lake red R, paste...lb. .85 - .90
189 Lake red R, powd....lb. 3.00 - 3.10
202, Chrome blue black U..lb. .35 - .42
204 Chrome black A.....lb. .42 - .45
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .85 - .88
304 Paper yellow.....lb. .83 - .90
307 Fast cyanin black B..lb. .80 - .85
326 Direct fast scarlet...lb. 2.00 - 2.25
365 Chrysophenin G.....lb. .58 - .70
382 Direct scarlet B.....lb. 1.15 - 1.20
387 Direct violet B.....lb. 1.00 - 1.30
394 Direct violet N.....lb. .80 - .85
401 Developed black BHN. lb. .45 - .60
406 Direct blue 2B.....lb. .66 - .70
415 Direct orange B.....lb. .60 - .70
419 Direct fast red F....lb. .70 - .73
420 Direct brown M.....lb. .55 - .57
448 Benzo purpurin 4B...lb. .65 - .68
495 Benzo purpurin 10B...lb. .40 - .50
502 Direct azcrin G.....lb. .75 - .80
512 Direct blue B.....lb. .80 - 1.00
518 Direct pure blue 6B..lb. 1.20 - 1.30
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black FF.lb. .55 - 1.00
581 Direct black EW.....lb. .50 - .54
582 Direct black RX.....lb. .35 - .45
592 Direct green B.....lb. .50 - .55
594 Direct green G.....lb. .50 - .55
596 Direct brown 3GO...lb. .85 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .70 - .73
814 Direct fast yellow....lb. 2.00 - 2.25
845 Nigrosin (water soluble) lb. .35 - .50
1177 Indigo, 20% paste....lb. .15 - .18
Benzo fast black L..lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .45 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .30 - —
Sulphur tan.....lb. .30 - .50
Sulphur olive.....lb. .25 - .54
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .75 - .80
Black—
865 Nigrosin derivatives..lb. .36 - .44
Blue—
7075 Alizarin astral base..lb. 15.00 - —
1078 Alizarin cyanin, green base..lb. 6.00 - —
Brown—
Brown .....lb. 1.15 - —
Green—
1078 Alizarin cyanin green..lb. 5.00 - —
Green .....lb. .75 - —
Dyes, coaltar, for general uses[4] (numbers are those of Colour Index scale).
Orange—
24 Sudan I.....lb. .75 - —
Red shade.....lb. .75 - —
Red—
75 Sudan II.....lb. 1.05 - —
358 Sudan IV.....lb. .85 - —
680 Oil violet.....lb. .50 - —
749 Rhodamine B (oil pink). lb. 2.50 - —
1080 Anthraquinone,[6] violet base..lb. 6.00 - —
Yellow:—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow. lb. .75 - —
61 Yellow OB.....lb. 1.40 - 2.00
Dyes, coaltar, for stains, spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher, f.o.b. sellers' works or warehouse).
Black:—
246 Naphthol blue black S. lb. .50 - —
729 Victoria blue B.....lb. 1.85 - —
861 Indulin .....lb. .87 - —
873 Methylene gray.....lb. 1.50 - —
909 New blue P.....lb. 1.20 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B..lb. 2.00 - —
1180 Indigotin IA.....lb. .85 - —
Blue:—
714 Patent blue A.....lb. 1.05 - 1.10
Brown:—
231 Bismarck brown G...lb. .47 - .62
234 Resorcin brown Y....lb. .65 - —
235 Resorcin dark brown R. lb. .66 - —
332 Bismarck brown R..lb. .47 - .62
793 Phosphin .....lb. 4.65 - —
Green:—
5 Naphthol green B....lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B...lb. 1.55 - —
1078 Alizarin cyanin green.lb. 2.00 - —
Orange:—
10 Chrysoidin G.....lb. .44 - —
21 Chrysoidin R.....lb. .41 - —
27 Orange G.....lb. .50 - —
31 Amidonaphthol red G.lb. .42 - —
37 Amidonaphthol Red 6B. lb. .68 - —
151 Orange Y.....lb. .31 - .33
161 Orange R.....lb. .34 - —
Red:—
79 Ponceau R.....lb. .48 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A[3].....lb. .54 - —
179 Azorubin .....lb. .60 - —
183 Crocein scarlet 3BX..lb. .72 - .75
185 Cochineal red A.....lb. .60 - —
252 Brilliant crocein M...lb. .68 - —
677 Fuchsin .....lb. 2.10 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6B.....lb. 4.50 - —
768 Eosin G.....lb. 1.50 - —
841..Safranin .....lb. 1.45 - —
Violet:—
680 Methyl violet B.....lb. .70 - .75
681 Crystal violet B.....lb. 1.75 - —
695 Acid violet 4BN.....lb. .88 - —
Yellow:—
10 Naphthol yellow S...lb. .88 - —
138 Metanil yellow.....lb. .56 - .58
636 Fast light yellow....lb. 1.25 - —
639 Xylene light yellow..lb. 1.15 - —
640 Tartrazin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —
Dyes, coaltar, for stains, water-soluble (prices E. in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher, f.o.b. sellers works or warehouse).
Black:—
864 Nigrosin .....lb. .36 - .44
Blue:—
860 Indulin .....lb. .60 - .70
Brown:—
331 Bismarck brown.....lb. 1.50 - —
Green:—
637 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .96 - —
Red:—
677 Fuchsin, magenta, base. lb. 7.25 - —
749 Rhodamine R.....lb. 4.75 - —
Yellow:—
67 Amidoazotoluene yellow. lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS...lb. 2.00 - —
Violet:—
680 Methyl violet base....lb. .85 - —
Dyes natural (see name of article).

E

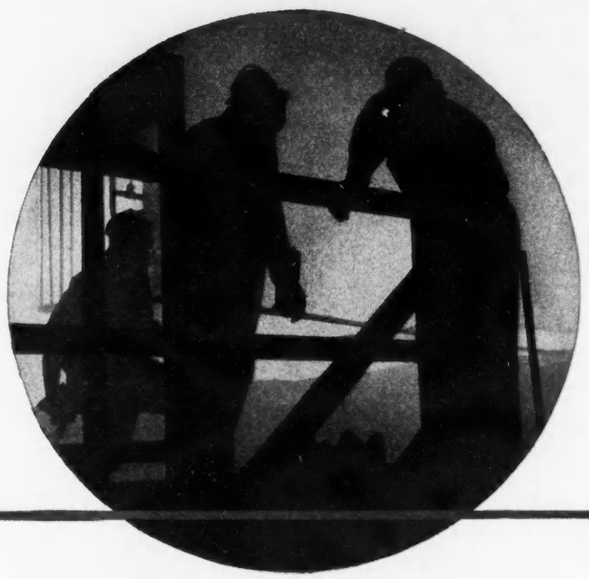
Echinacea root, bls.....lb. .95 - 1.00
Egg[1] albumen (see Albumen).
Yolk, dried, dom.....lb. 1.00 - 1.15
imported .....lb. No stocks
Elder flowers, bright, bls.....lb. .58 - .59
Elecampane root, bls.....lb. No stocks
Elm bark, grinding, bls.....lb. No stocks
powd., bbls., bxs.....lb. No stocks
select, bndls.....lb. .50 Nom.
Emetine[6] hydrochloride, bots..oz. 21.00 - 33.00
Ephedra, bls.....lb. .21 - .22
Ephedrine, natural, USP, anhydrous, bots..oz. 1.15 - 1.65
Hydrochloride or sulphate, tins..oz. .95 - 1.45
synthetic, USP, anhyd., bots., 100 ozs..oz. .65 - —
Hemihydrate, bots., 100 ozs. oz. .65 - —
Hydrochloride, tins, 100 ozs. or more..oz. .50 - —
Sulphate, cryst., tins, 100 ozs. or more..oz. .48 - —
Epinephrine, synth., USP, bots.. gram. .75 - —
Epsom salt, tech., bgs....100 lbs. 1.80 - —
bbls. .....100 lbs. 1.90 - —
USP, cryst., bgs., c.l..100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.25 - —
smaller lots.....100 lbs. 2.50 - —
bbls., c.l.....100 lbs. 2.10 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.35 - —
smaller lots.....100 lbs. 2.00 - —
kgs., c.l.....100 lbs. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.60 - —
smaller lots.....100 lbs. 2.85 - —
dried, bgs., l.c.l. .....lb. .08 - .09
Epsom salt prices are freight equalized with Balto., Carteret, N. J.; Chicago, Cincinnati, Cleveland, Houston, New Orleans, New York.
Ergot, USP, dms.....lb. 1.40 - 1.45
Eserine, bots.....oz. No prices
Sulphate, 1-gram vials....vial. 2.10 - —
Ether, acetic ..see Ethyl acetate).
Amyl (see Amyl ether).
Butyl, l.c.l., dms., dlvd.....lb. .30 - —
Ethyl (see Ether, sulphuric).
Nitrous, conc., bot., 100 lbs..lb. .93 - 1.10
Sulphuric, conc., dms.....lb. .11 - .16
USP anesthesia, hospitals, 1-lb. cns..lb. .60 - .61
Synthetic, dms., c.l., works..lb. .14½- —
l.c.l., works.....lb. .15½- —
tanks .....lb. .12½- —
Ethyl acetate,[3,6] 85-90%, dms., c.l., works, frt. alld..lb. 11.70- 12.75
l.c.l., frt. alld.....lb. .1220- .1325
tanks, frt. alld.....lb. .1070- .1175
95-98%, dms., c.l., frt. alld.. lb. .1225- .1335
l.c.l., frt. alld.....lb. .1375- .1385
tanks, frt. alld.....lb. .1125- .1235
NF, dms.....lb. .14½- .15½
Acetoacetate, dms., c.l., works, lb. .37½- —
l.c.l., frt. alld.....lb. .38 - —
Benzoate, bots.....lb. .90 - 1.00
Bromide, tech., dms.....lb. .50 - .55
Carbamate, dms., dlvd. E....lb. .58 - —
Chloride, dms.....lb. .18 - .20
Cinnamate, cns.....lb. 3.25 - 3.85
Formate, dms., f.o.b. Agnue, Calif..lb. .26 - .32
Iodide, bots.....lb. 3.50 - 3.60
Lactate, dms., works.....lb. .33½- .39½
Myristate, dms., works.....lb. .55 - —
Oenanthate, dms.....lb. .75 - 1.25
Oleate, dms., works.....lb. .47 - —
Oxalate, dms., frt. alld.....lb. .33 - —
Silicate, l.c.l., dms., works..lb. .77 - —
Ethylcellulose,[6] standard, pkgs., 5,000 lbs. or more, works..lb. .50 - —
smaller lots, same basis....lb. .52 - .60
Ethyldiethanolamine, dms., l.c.l., works..lb. .80 - —
Ethylene dichloride,[3] dms., c.l., works, E. of Rockies, frt. alld..lb. .0842- —
West of Rockies, same basis..lb. .0891- —
l.c.l., works, E. of Rockies, alld..lb. .0891- —
West of Rockies, same basis..lb. .0941- —
tanks, E. of Rockies, same basis..lb. .0743- —
West of Rockies, same basis..lb. .0792- —
Ethyleneglycol,[2,6] dms., c.l., frt. alld. in E..lb. .10 - —
l.c.l., same basis.....lb. .11 - —
tanks, same basis.....lb. .09 - —
Monobutylether,[6] dms., c.l., works..lb. .16½- —
l.c.l., works.....lb. .17½- .20½
tanks, works.....lb. .15½- —
Monoethylether, dms., c.l., works..lb. .14½- —
l.c.l., works.....lb. .15½- .16½
tanks, works.....lb. .13½- —
Monoethylether acetate, dms., c.l., works..lb. .11¼- —
l.c.l., dms.....lb. .12½- .15½
tanks, works.....lb. .10½- —
Monomethylether, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Ethylethanolamine, dms., c.l., works..lb. .57 - —
l.c.l., works.....lb. .60 - —
Ethylmorphine hydrochloride, bots..oz. 10.55 - 10.75
Ethyldinanilin, dms.....lb. .45 - .47½
Ethylmonoethanolamine, l.c.l., dms., works..lb. .80 - —
Ethylvanillin,[1] cns., makers, primary distrib., 5 lbs. or more. lb. 5.25 - —
smaller lots.....lb. 5.30 - 5.40
Eucalyptol, cns., dms.....lb. 2.50 - 3.00
Encalyptus leaves, bls.....lb. .10 - .18
Eugenol, cns., dms.....lb. 2.65 - 3.25
Euphorbia, bls.....lb. .12 - .13

F

Feldspar, enamel, 100 mesh, bulk, c.l., works..ton. 14.00 - 17.50
bgs., min., 2 tons.....ton. 17.00 - 20.50
glass, 20 mesh, bulk, c.l., works..ton. 9.75 - 12.25
bgs., l.c.l., min. 2 tons..ton. 12.75 - 16.25
pottery, bulk, c.l., works...ton. 17.00 - 19.00
l.c.l., bgs., min. 2 tons..ton. 20.00 - 22.00
Fennel seed, Argentine, bgs...lb. No stocks
Indian, bgs.....lb. .16½ Nom.
Fenugreek seed, domestic, bgs.lb. .20 - .20½
Indian, bgs.....lb. No stocks
Morocco, bgs.....lb. No stocks
Ferric sulphate, anhyd., bgs., c.l., works..ton. 35.00 - —
l.c.l., same basis.....ton. 40.00 - —
Film scrap, colored, cs., 50 lbs. or over, works..lb. .13½- —
smaller lots, works.....lb. .15 - —
water white, cs., 50 lbs. or over, works..lb. .14½- —
smaller lots, works.....lb. .17 - —
Fir balsam, Canada, cns.....gal. 19.00 - 20.00
Oregon, bbls.....gal. 2.35 - 2.50
Fisheries, bgs.....lb. .23 - .24
Fishoils (see Oil, fishliver).
Fishmeal,[1] grd., 60% protein, bgs., f.o. works..ton. 72.50 - —
65% protein, same basis..ton. 78.50 - —
Fishscrap, dried, 60% protein, bulk, East Coast..ton. 66.50 - —
Flake white, bbls.....lb. .09 - —
kegs .....lb. .11 - —
Fleaseed, French, black, bgs..lb. .70 - .73
Indian, blonde, bgs.....lb. .13 - .16
Fluorspar, No. 1, ground, 95-98% CaF_2, bulk, c.l., mines. net ton. 37.00 - —
washed gravel, 70% or more CaF_2, mines..net ton. 33.00 - —
65%, mines.....net ton. 32.00 - —
60%, mines.....net ton. 31.00 - —
less than 60%, mines..net ton. 30.00 - —
Formaldehyde,[1,3,6] bbls., c.l., works..lb. .0520- —
l.c.l., works.....lb. .0570- —
dms., extra, c.l., works.....lb. .0460- —
l.c.l., works.....lb. .0510- —
tanks, works.....lb. .0320- —
tanktrucks, dlvd., N.Y.C.....lb. .0345- —
Fringetree bark, bls.....lb. No stocks
Fuller's earth, dom., powdered, bgs., c.l., Fla., Ga. mines.. ton. 8.50 - 15.00
Tex. mines.....ton. 12.50 - —
spent, bulk, Bayonne....ton. 4.00 - —
Chicago .....ton. 4.00 - —
imp., bgs., c.l.....ton. 30.00 - 40.00
Furfural,[6] ref., dms., c.l., works. lb. .15 - —
l.c.l., works.....lb. .17½- .25
tech., dms., contracts, 150,000 lbs. .10 - —
c.l., works.....lb. .12½- —
l.c.l., works.....lb. .15 - .20
tanks, works.....lb. .09 - —
Fusel oil, crude, dms., works,gal. .75 - —
refd., dms., dlvd.....lb. .18½- .19½
Fustic, cryst., No. 1, bbls....lb. .32 - —
No. 2, bbls.....lb. .30 - —
No. 3, bbls.....lb. .28 - —
extract, No. 1, bbls.....lb. .16 - —
No. 2, bbls.....lb. .15 - —
No. 3, bbls.....lb. .12½- —

G

G salt, bbls.....lb. .45 - —
Galangal root, bls.....lb. .30 Nom.
Gambier, cube, Singapore, cs., lb. No stocks
extract, bbls.....lb. No stocks
Gasoline[1] at refnery, ex tax:—
Arkansas, US motor, 70-74 octane, tanks..gal. .05¾- —
Bayonne, 70-74 oct., tanks... gal. .09075- —



workmen

who seldom see their product

Skilled workmen, who operate the plant in which Monsanto extracts elemental phosphorus from phosphate ore seldom see the product of their labors. Elemental phosphorus made in modern electric furnaces is kept out of contact with air. Incidentally, it always is hidden from view.

Elemental phosphorus produced by Monsanto is more than 99.9% pure. Much of it goes directly into service with Allied Armed Forces. The remainder serves home front or war industries, either as phosphorus or its derivatives.

Phosphoric acids and phosphates, derived from Monsanto elemental phosphorus have uniformly high quality because of the near-absolute purity of the element from which they are made. This quality has led many industries to look upon Monsanto as headquarters for phosphorus, phosphoric acids and phosphates. Your inquiries will be answered promptly. MONSANTO CHEMICAL COMPANY, Phosphate Division, 1700 South Second Street, St. Louis 4, Missouri. District Offices: New York, Chicago, Boston, Detroit, Charlotte, Birmingham, Los Angeles, San Francisco, Montreal, Toronto

Phosphorus and Related Products

By the World's Largest Producer of Elemental Phosphorus

PHOSPHORUS (YELLOW)
PHOSPHORIC ANHYDRIDE
PHOSPHORIC ACID—TETRA
PHOSPHORIC ACID—85%
PHOSPHORIC ACID—75%
MONO SODIUM PHOSPHATE
DI SODIUM PHOSPHATE (ANHYDROUS AND DUOHYDRATE)
TRI SODIUM PHOSPHATE
SODIUM ACID PYRO PHOSPHATE
TETRA SODIUM PYRO PHOSPHATE
AMMONIUM PHOSPHATES
CALCIUM PHOSPHATES (MONO-DI-TRI)
CALCIUM PYRO PHOSPHATE
POTASSIUM PHOSPHATES
MAGNESIUM PHOSPHATES
SODIUM IRON PYROPHATE
FERRO PHOSPHORUS
SPECIAL PHOSPHATES FOR SPECIAL APPLICATIONS

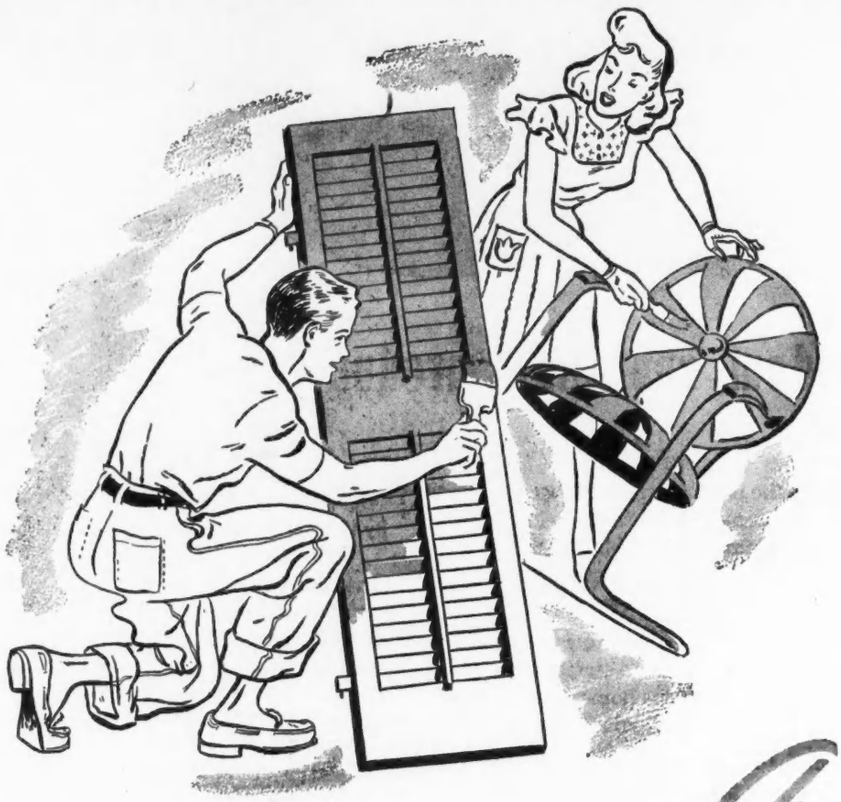
MONSANTO CHEMICALS
SERVING INDUSTRY...WHICH SERVES MANKIND

Gasoline, at refinery, ex tax:—
Gulf Coast, US motor, 70-74 octane, tanks..gal. .05¾- .06½
Group 3, 70-74 octane, tanks, gal. .06½- .06⅝
natural, 26-70, tanks....gal. .04¾- .05
Oklahoma-Texas, US motor, 70-74 octane, tanks..gal. .05⅝- .06
Pennsylvania, western, U. S. motor 70-74 octane, leaded, tanks..gal. .07¾- .0895
Gelatin, silver, label, ctns., dlvd. lb. .90 - .97
export, cases.....lb. 1.00 - —
Silver gelatin prices 5c. higher for deliveries in:—Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Tex., Utah, Wash., and Wyo.
Geisemium, root, bls.....lb. .23 - .25
Gentian root, bls.....lb. .41 - .42
grd., bbls., bxs.....lb. .46 - .47
powd., bbls., bxs.....lb. .47 - .48
Geraniol, 92-96% cns., dms....lb. 3.50 - 4.50
Ginger,[1] African, No. 1, bls...lb. No stocks
Calicut, bgs.....lb. .27 - .27½
Cochin, bleached, bgs.....lb. .28 - .29
unbleached, bgs.....lb. .25½ Nom.
Jamaica, No. 1, bgs.....lb. .30 - .31
No. 2, bgs.....lb. .26½- .27
No. 3, bgs.....lb. .25½- .26
Ginseng root, wild, South, cs..lb. 8.00 - 9.00
Glauber's salt, anhyd. (see Soda sulphate).
cryst., bgs., bbls., c.l., works, 100 lbs. 1.05 - 1.25
l.c.l., 5 tons up, works.... 100 lbs. 1.15 - 1.35
less than 5 tons, works. 100 lbs. 1.25 - 1.45

Glue, bone,[6] producers,' calcium type, 24 millipoise, 36 jelly-grams, bgs., c.l., East of Midwest..lb. .16 - —
30/58, bgs., c.l., same basis..lb. .15½- —
58/82, bgs., c.l., same basis..lb. .17 - —
82/108, bgs., c.l., same basis..lb. .18½- —
Producers' bone glue l.c.l. prices 1c. over c.l.
hide, producers,[1,6] 100-121 (jelly test in grams), bgs., c.l., dlvd..lb. .14 - .21½
122-149, bgs., c.l., dlvd....lb. .15 - .22½
150-177, bgs., c.l., dlvd....lb. .16 - .23½
178-206, bgs., c.l., dlvd....lb. .17 - .24½
207-236, bgs., c.l., dlvd....lb. .18 - .25½
237-266, bgs., c.l., dlvd....lb. .19 - .26½
267-298, bgs., c.l., dlvd....lb. .20 - .27½
299-330, bgs., c.l., dlvd....lb. .21 - .28½
331-362, bgs., c.l., dlvd....lb. .22 - .29½
363-394, bgs., c.l., dlvd....lb. .23 - .30½
395-427, bgs., c.l., dlvd....lb. .24 - .31½
428-460, bgs., c.l., dlvd....lb. .25 - .32½
461-494, bgs., c.l., dlvd....lb. .26 - .33½
495-529, bgs., c.l., dlvd....lb. .27 - .34½
Hide glue l.c.l. prices 1c. over c.l.; bbls. ½c. over bags.
Glycerin,[1,3] CP, BP, 98%, dms., c.l., dlvd. Zones A and C..lb. .18¾- —
l.c.l., same basis.....lb. .19¼- —
tanks, same basis.....lb. .18½- —
USP, 95%, dms., c.l., same basis..lb. .18¼- —
l.c.l., same basis.....lb. .18¾- —
tanks, same basis.....lb. .18 - —
dynamite, high gravity, yellow distilled, dms., c.l., same basis..lb. .18¼- —

Glycerin, dynamite, high gravity, yellow dist., dms., l.c.l., same basis..lb. .18¾- —
tanks, same basis.....lb. .18 - —
Chemically pure and dynamite glycerin are sold to the U. S. government at prices 1c. lower than above.
saponification, 88%, to refiners, dms., c.l., l.c.l., or tanks, same basis..lb. .12¾- —
saponification, to individual users, dms., c.l., same basis..lb. .13¾- —
l.c.l., same basis.....lb. .14¾- —
tanks .....lb. .12¾- —
soaplye, 80%, dms., tanks, c.l., l.c.l..lb. .11½- —
Glycerin prices in Zone B, 2c. higher.
Zone A is:—Col., east of but not including these counties:—Costilla, Custer, Douglass, Fremont, Gilpin, Grand, Huerfano, Jackson, Jefferson, and Teller; all points east of and including Kan., Neb., N. Dak., Omaha, S. Dak., Texas, and Laramie county, Wyo. Zone B is territory between Zone A and C, as follows:—Ariz., Col., west of and including counties specified above Nev., New Mex., Ore., east of and including these counties:—Deschutes, Hood River, Jefferson, Klamath, and Wasco; Wash., east of and including these counties:—Chelan, Kittitas, Kilchat, Oklanogan, and Yakima.
Zone C, territory west of Zone B.
Glycine, medicinal, bbls., tins.lb. 1.25 - 1.30
Glycol borborate, dms.....lb. .22 - —
Stearate, dms.....lb. .26 - —
Gold of pleasure seed, bgs....lb. No stocks
Gold chloride, acid-brown, bots., oz.20.75 -21.00
acid-yellow, bots.....lb.18.75 -19.00
Gold-soda chloride, photo., bots., oz.13.00 - —
USP IX, bots.....oz.14.50 -14.75
Goldenseal, root, bls.....lb. 7.00 - 7.50
powd., bxs.....lb. 7.25 - 7.75

Grain of Paradise, bgs.....lb. No stocks
Graphite, conc., dom., crystalline, 80% through 50 mesh, carbon content, 65-70%, bgs., whse., works..lb. .04½- —
70-75% bgs., same basis..lb. .05 - —
75-80%, bgs, same basis..lb. .05½- —
80-85%, bgs., same basis..lb. .06 - —
85-90%, bgs., same basis..lb. .07 - —
90% and up, same basis..lb. .08 - —
Grease,[1,5] house, loose.....lb. .08½- —
white, choice, loose.....lb. .08⅝- —
Wool (see Adeps lanae and Degras).
Green, brilliant,[1] thioflavin toner, tungstic, kgs., works..lb. 3.75 - —
molybdic, same basis.....lb. 3.25 - —
Chrome,[1,6] CP, dark, light, medium blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .23 - —
11-15%, bbls., same basis..lb. .25 - —
20%, bbls., same basis...lb. .25½- —
21-25%, bbls., same basis.lb. .26 - —
26-30%, bbls., same basis.lb. .26½- —
31-35%, bbls., same basis.lb. .27½- —
36-40%, bbls., same basis.lb. .29 - —
41-45%, bbls., same basis.lb. .30½- —
46-50%, bbls., same basis.lb. .33 - —
reduced color, 5%, bbls., same basis..lb. .06¾- —
9-10%, bbls., same basis.lb. .07½- —
11-13%, bbls., same basis.lb. .08 - —
14-16%, bbls., same basis.lb. .08¼- —
17-19%, bbls., same basis.lb. .08½- —
20-21%, bbls., same basis.lb. .08¾- —
22-23%, bbls., same basis.lb. .09 - —
24-25%, bbls., same basis.lb. .09¼- —
26-27%, bbls., same basis.lb. .09½- —
28-29%, bbls., same basis.lb. .10 - —
30-31%, bbls., same basis.lb. .10⅜- —
32-33%, bbls., same basis.lb. .12 - —
34-35%, bbls., same basis.lb. .13 - —
36-40%, bbls., same basis.lb. .14 - —
41-45%, bbls., same basis.lb. .17 - —
46-50%, bbls., same basis.lb. .17½- —
51-55%, bbls., same basis.lb. .18 - —
56-60%, bbls., same basis.lb. .18½- —
61-65%, bbls., same basis.lb. .19 - —
70%, bbls., same basis....lb. .20 - —
71-75%, bbls., same basis.lb. .21 - —
Green, chrome, prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¾c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City and Wichita, prices are equalized with Chicago.
Oxide,[6] pure, dms., works..lb. .24 - —
Malachite,[1] thioflavin toner, tungstic, bbls., works..lb. 3.50 - —
molybdic, bbls., works..lb. 3.00 - —
Phthalocyanin,[1] green toner, bbls., works..lb. 4.00 - 5.00
tetrahydroxide, bbls.....lb. .85 - —
Paris (see P).
Tungstated, brilliant, kgs....lb. 3.00 - —
emerald, kgs.....lb. 2.60 - —
Verdigris (see V).
Green dyes (see Dyes, green).
Grindelia robusta, bls.....lb. .18 - .28
Guaiac resin, cs.....lb. .48 - .49
Wood, bls.....lb. .05 - .06
Guaiacol, carbonate, fib. dms.lb. 2.40 - 2.74
liquid, dms.....lb. 1.75 - 2.01
Guanidin carbonate,[1] bbls., c.l., works..lb. .57 - —
smaller lots.....lb. .58 - .73½
Guarana, powd., cs.....lb. No prices
Gum accroides (see Gum, yacca).
Aloe (see A).
Ammoniac, tears, cs.....lb. 1.20 - 1.25
Arabic, amber, sorts, bgs....lb. .11¼- .12
white, sorts, 1, bgs.....lb. .28 - .30
Asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs.....lb. 3.00 - 3.50
Sumatra, cs.....lb. .52 - 1.00
Camphor (see C).
Copal, Congo, sorted No. 30, bgs., c.l., ex dock or port, whse..lb. .55¾- —
31, bgs., same basis....lb. .21½- —
32, bgs., same basis....lb. .15⅝- —
33, bgs., same basis....lb. .14 - —
34, bgs., same basis....lb. .09¼- —
35, bgs., same basis....lb. .15⅞- —
36, bgs., same basis....lb. .12⅝- —
37, bgs., same basis....lb. .18½- —
38, bgs., same basis....lb. .12¼- —
39, bgs., same basis....lb. .10⅝- —
40, bgs., same basis....lb. .08 - —
41, bgs., same basis....lb. .11⅝- —
unsorted, No. 1, bgs., c.l., same basis..lb. .14⅝- —
2, bgs., c.l., same basis..lb. .12⅝- —
3, bgs., c.l., same basis..lb. .11¼- —
FAD, bgs., c.l., same basis.. lb. .14⅜- —
Prices for l.c.l., ¼c. to ½c. higher than c.l.
East India,[1] batu, bold, scraped, bgs., c.l., same basis..lb. .10¼- —
unscraped, same basis.lb. .09 - —
chips, same basis....lb. .12 - —
dust, same basis....lb. .06½- —
nubs and chips, same basis.. lb. .05¾- —
black, bold, scraped, bgs., ex dock or port, whse..lb. .12 - —
unscraped .....lb. .07½- —
nubs and chips, same basis..lb. .07¼- —
pale, Hiroe-Macassar,[1] bold, bgs., c.l., same basis..lb. .17⅞- —
chips, same basis....lb. .11½- —
dust, same basis....lb. .05½- —
nubs, same basis....lb. .13⅜- —
Singapore, Rasak, bold, bgs., same basis..lb. .22⅜- —
chips, same basis....lb. .11¼- —
dust, same basis....lb. .05½- —
nubs, same basis....lb. .16⅜- —
Macassar,[1] dust, bgs., c.l., same basis..lb. .07⅜ —
MA, same basis.....lb. .09⅝- —
MB, same basis.....lb. .09¼- —
WS, bgs., same basis....lb. .11¼- —
Manila, Boeas,[1] hard, bold, amber, light, bskts, c.l., same basis..lb. .13½- —
dark, light, same basis.. lb. .14½- —
white, same basis.....lb. .15½- —
Loba,[1] A, bgs., c.l., same basis..lb. .14 - —
B, same basis.....lb. .13¾- —
C, same basis.....lb. .13⅜- —
CBB, same basis.....lb. .12 - —
CNE, same basis.....lb. .10 - —
D, same basis.....lb. .12⅝- —
DBB, same basis.....lb. .11 - —
DK, same basis.....lb. .09½- —
DU, same basis.....lb. .08⅝- —
dust, same basis.....lb. .07⅜- —
MB, same basis.....lb. .09¼- —
WS, same basis.....lb. .11⅝- —



ANY SHADE, FOR EVERY PURPOSE... CALCO CHROME *Greens*

A full range of Chrome Greens to meet every need of the paint industry is produced by Calco.

NORWOOD GREENS—*Blue Tint*

10-8100 Norwood Green Light
10-8223 Norwood Green Light Medium
10-8400 Norwood Green Medium
10-8800 Norwood Green Dark
10-8900 Norwood Green Extra Dark

PALM GREENS—*Olive Mass*

10-4320 Palm Green Light
10-4340 Palm Green Medium
10-4360 Palm Green Dark

LEXINGTON GREENS—*Yellow Tint*

10-3020 Lexington Green Extra Light
10-3100 Lexington Green Light
10-3400 Lexington Green Medium
10-3800 Lexington Green Dark
10-3900 Lexington Green Extra Dark

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All are characterized by ease of grinding, good dispersion, low reactivity (even in straight phenolic vehicles)—and excellent light fastness. The Norwood series is particularly light fast and is ideally suited for exterior trim paint and enamel products.

COLORS BY CALCO

CALCO CHEMICAL DIVISION • AMERICAN CYANAMID COMPANY
Pigment Department Newark 5, N. J.
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Gum, copal, Manila-Singapore,[1] white split chips, bgs., c.l., same basis..lb. .15½- —
dust, same basis.....lb. .07⅝- —
whse., entry point, c.l., lb. .06⅞- —
Philippine,[1] Manila, extra bold, pale scraped, bskts., same basis..lb. .15 - —
bold, pale scraped, same basis..lb. .15 - —
extra pale, bold sorts, same basis..lb. .12¾- —
pale chips, bold, same basis. lb. .13 - —
nubs, WCB, same basis. lb. .13⅜- —
seeds, dust, same basis...lb. .06⅜- —
SG, same basis.....lb. .10½- —
small chips, same basis..lb. .11⅝- —
Pontianak, bold, scraped, bgs., c.l., same basis..lb. .23⅜- —
mixed, same basis.....lb. .17⅜- —
chips, small, same basis..lb. .12⅜- —
cuttings of split, same basis. lb. .19½- —
nubs, same basis.....lb. .18 - —
Gum copal, l.c.l., prices ¼c. to ½c. higher.
Dammar,[1] Batavia, A, cs., c.l., same basis..lb. .35⅜- —
A/C, same basis.....lb. .31½- —
A/D, same basis.....lb. .28⅜- —
A/E, same basis.....lb. .25⅜- —
B, same basis.....lb. .24½- —
C, same basis.....lb. .23⅝- —
D, same basis.....lb. .25⅝- —
E, same basis.....lb. .18⅜- —
F, same basis.....lb. .13⅜- —
dust, same basis.....lb. .13⅜- —
Singapore,[1] No. 1, cs., c.l..lb. .30⅜- —
2, bgs., same basis.....lb. .25 - —
No. 1, 3 bgs., same basis..lb. .12⅜- —
chips, cs., same basis.....lb. .23¼- —
dust, bgs., same basis....lb. .13 - —
seeds, cs., same basis....lb. .17⅜- —
Gum dammar, l.c.l. prices, ¼c. to ½c. higher.
Elemi,[1] cns., c.l., ex dock or port whse. entry port..lb. .09½- .09⅝
Ester, ord., dms., c.l., dlvd., Ill., Ind., Ky., Mich., Mid.-Atl. states, N. England states, Minneapolis, N. C., Ohio, St. Louis, St. Paul, Va., W. Va..lb. .09½- —
other points, dlvd....lb. .10 - .11
l.c.l., dlvd. Ill., Ind., etc., lb. .09⅝- .10
other points, dlvd.....lb. .10½- .12
Euphorbium, cs.....lb. 1.50 Nom.
Galbanum, cs.....lb. 1.60 - 1.65
Gamboge, pipe, cs.....lb. No stocks
powd., bbls.....lb. No stocks
Guaiac (see Guaiac resin).
Karaya, bbls., bxs., dms....lb. .18 - .40
Kauri,[1] brown, chips, extra, bgs., c.l., ex dock, whse., lb. .18 - —
80%, same basis.....lb. .16 - —
dust, same basis.....lb. .12½- —
nubs, same basis.....lb. .24 - —
No. 1, extra, same basis....lb. .34 - —
superior, same basis.....lb. .31 - —
No. 2, extra, same basis....lb. .30 - —
superior, same basis.....lb. .27½- —
No. 3, same basis.....lb. .25 - —
x, same basis.....lb. .36 - —
2x, same basis.....lb. .49 - —
3x, same basis.....lb. .77 - —
bush, assorted, same basis.lb. .35 - —
bold, same basis.....lb. .40 - —
bright, same basis.....lb. .18 - —
chips, same basis.....lb. .32 - —
dark, same basis.....lb. .18 - —
white, chips, pale, same basis. lb. .20⅜- —
extra, same basis.....lb. .25½- —
dust, pale, same basis....lb. .20⅜- —
extra, No. 1, same basis..lb. .43 - —
No. 2, same basis.....lb. .31 - —
No. 3, same basis.....lb. .30 - —
superior, No. 1, same basis.lb. .41 - —
No. 2, same basis.....lb. .31 - —
No. 3, same basis.....lb. .22 - —
3x, same basis.....lb. .65¾- —
4x, same basis.....lb. .66 - —
5x, same basis.....lb. 1.50 - —
Gum kauri, l.c.l., prices are ¼c. to ½c. higher.
Locust bean, powd., bbls..lb. .55 - .60
Mastic, cs.....lb. 5.00 Nom.
Myrrh, cs.....lb. .50 - .60
Olibanum, siftings, cs.....lb. .11½- .13
tears, cs.....lb. .18 - .30
Opium (see O).
Red (see Gum, Yacca).
Rosin (see R).
Sandarac,[1] cs.....lb. 1.40 Nom.
Scammony, cs.....lb. 1.30 - 1.35
Talha, bgs.....lb. .10 - .11
Tragacanth, No. 1, cs.....lb. 4.50 - 5.00
No. 2, cs.....lb. 4.00 - 4.50
No. 3, cs.....lb. 2.75 - 3.00
Yacca,[1] red gum, coarse, bgs., ex dock, whse..lb. .06 - —
powdered .....lb. .07¼- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.22.65 - —
Harlem River, N. Y., frt. equald..ton.28.25 - —
Medicine Lodge, Kan., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.28.25 - —
Southard, Oklahoma, frt. equald..ton.17.00 - —
Sweetwater, Texas, frt. equald..ton.21.45 - —
Plaster of paris, paper bgs., c.l., f.o.b. Blue Rapids, Kans., frt. equald..ton.12.50 - —
Acme, Tex., frt. equald.. ton.12.50 - —
Harlem River, N. Y., frt. equald..ton.13.00 - —
Medicine Lodge, Kansas, frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.13.00 - —
Southard, Oklahoma, frt. equald..ton.12.50 - —
Sweetwater, Texas, frt. equald..ton.12.50 - —
Stucco, paper bgs., c.l., f.o.b. Acme, Tex., Akron, N. Y., Blue Rapids, Kan., Clarence Center, N. Y.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, Ohio; Harlem River, N. Y.; National City, Mich.; New Brighton, N. Y.; Plasterco, Ga.; Portsmouth, N. H.; Roton, Texas; Southard, Okla.; Sweetwater, Texas; frt. equald..ton. 8.00 - —
Saltville, Va.....ton. 9.00 - —
Terra alba, paper bgs., c.l., Harlem River, N. Y..ton.12.00 - —
New Brighton, N. Y.; Southard, Okla..ton.12.00 - —

H

Hawthorn berries, bgs.....lb. .60 - .65
Heliotropin, cryst., cns.....lb. 3.75 - 4.00
Hellebore, white, powd., bbls..lb. .46 - .47
Helonias root, bls.....lb. No stocks
Hematine, cryst., bbls., No. 1..lb. .34 - —
No. 2.....lb. .30 - —
No. 3.....lb. .28 - —
No. 4.....lb. .26 - —
No. 5.....lb. .24 - —
paste, bbls., No. 1.....lb. .14½- —
No. 2.....lb. .13½- —
No. 3.....lb. .12½- —
Hemlock bark extract,[1,9] 25% tan, bbls., c.l., works..lb. No stocks
tanks, works.....lb. No stocks
Henbane leaves, bls.....lb. 1.20 - 1.25
Henna leaves, bls.....lb. .17 - .18
powd., bbls., bxs.....lb. .22 - .23
Heptane,[1] 56°-100° C., industrial grade, dms., c.l., Group 3. gal. .12½- —
l.c.l., Group 3.....gal. .19 - —
tankcars, Group 3.....gal. .10 - —
77°-115°, industrial, dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .19 - —
tankcars, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....lb. .29 - —
10 gals., Group 3....gal. .55 - —
Hexaldehyde, normal, dms., c.l., works..lb. 1.10 - —
Hexalin (see Cyclohexanol).
Hexamethylenetetramine,[2,6] tech., bbls., 1,000-lb. lots, Perth Amboy or N.Y.C..lb. .35 - —
USP, dms., 500 lbs. or more, same basis..lb. .35 - —
smaller lots.....lb. .36 - —
Hexane,[1] 60°-70° C., industrial grades, dms., c.l., Group 3. gal. .13½- —
l.c.l., Group 3.....gal. .19 - —
tankcars, Group 3.....gal. .10½- .11
laboratory grade, dms., c.l., Group 3..gal. .18 - —
l.c.l., Group 3.....gal. .29 - —
10 gals., Group 3....gal. .55 - —
Hexanol, dms., l.c.l., works...lb. .25 - —
Homatropine hydrobromide, bots. oz.37.50 -42.00
Hoofmeal, 17-18% ammon., bulk, Chicago..unit 4.50 - 4.75
Hops, NF, bls.....lb. .56 - 1.50
Horehound, bls.....lb. .10½- .12
Hydrangea root, bls.....lb. No prices
Hydrastine, bots.....oz.20.00 - —
Hydrochloride, bots.....oz.20.00 - —
Sulphate, bots.....oz.29.00 - —
Hydrastinine, 10 grs., bots....bot. 1.95 - —
Hydrastic (see Goldenseal).
Hydrofuramide, dms., fib., cns., works..lb. .30 - .40
Hydrogen peroxide,[6] USP, bbls., lb. .03⅜- .04
100 vols., cbys., E. of Miss. River, West Coast via Panama Canal..lb. .15½- .18½
Hydroquinone, bbls., dms.....lb. .90 - .94
Hydroxycitronellal, cns.....lb. 8.50 - 9.00
dms., extra, ret'able, dlvd...lb. 4.50 - —
Hyoscine hydrobromide, bots., gram. 4.50 - —
Hyoscyamine, bots.....oz.20.00 -37.50
Hydrobromide, bots.....oz.20.00 -37.50
Sulphate, bots.....oz.20.00 -37.50
Hypernic, cryst., bbls., No. 1..lb. .42 - —
No. 2.....lb. .34 - —
extract, bbls., No. 1.....lb. .24 - —
No. 2.....lb. .16 - —

I

Icthammol, N. F., bots.....lb. 2.45 - 4.30
Indian red (see Red, Indian).
Indigo, nat., chests.....lb. 2.14 - 2.20
synth., paste, bots.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb.23.00 -24.00
Insect flowers (see Pyrethrum).
Iodine, crude, 25-lb. jars.....lb. 1.67 - —
150-lb. kgs., net.....lb. 1.28¼- —
resubl., 5-lb. bots., jars.....lb. 2.00 - 2.10
Iodoform, 100-lb. dms., kgs....lb. 3.95 - 4.10
jars .....lb. 4.20 - —
Ipecac[6] root, bgs.....lb. No prices
powd., bgs.....lb. No prices
Irish moss, ordinary, bls.....lb. .26 - .28
powd., 80-90 mesh, bbls...lb. .32 - .33
prime bleached, bls.....lb. .35 - .40
powd. .....lb. .40 - .50
Iron acetate, liquor, bbls., c.l., dlvd..lb. .17 - —
l.c.l., dlvd.....lb. .18 - —
solut., USP IX, 100-lb. cbys.lb. .17 - —
50-lb. djns.....lb. .18 - —
Chloride (ferric), tech., anhydr., 390-lb. dms...100 lbs. 4.65 - 6.25
150-lb. dms.....100 lbs. 5.00 - 6.00
cryst., bbls., works, frt. alld. or equald..lb. .05 - .06
kgs., works, frt. alld. or equald..lb. .07½- .08
USP X, cryst., lump, bbls..lb. .07½- —
dms. .....lb. .08½- —
solut., NF, cbys., works, frt. alld. or equald..lb. .06½- .07½
djns. .....lb. .10 - —
Citrate, USP VIII, gran., dms.lb. .70 - .75
powd., cns.....lb. .84 - .87
Glycerophosphate, bbls., 1,000-lb. lots..lb. 3.30 - —
100-lb. lots.....lb. 3.40 - —
cns., 25 lbs.....lb. 3.52 - —
Hyposulphite, bbls., dms.....lb. 1.50 - 1.52
Iodide, bots.....lb. 3.18 - 3.32
syrup, bots., cbys.....lb. .39 - .53
Naphthenate, 6% Fe, 50-gal. dms..lb. .15 - —
Nitrate, red, tech., dms.....lb. .03½- .04
Oxalate, gran., dms.....lb. .83 - .85
powd., cns.....lb. .52 - —
kgs. .....lb. .47 - .49
Oxide, black (see Black Iron oxide).
Phosphate, ferric, NF, gran., cns..lb. .54 - .57
Pyrophosphate, gran., cns...lb. .59 - .62
Reduced, 90%, kgs.....lb. .65 - .75
Resinate, 7.4% Fe, 100-lb. dms., lb. .17½- —
Sulphate, tech. (see Copperas and Ferric sulphate).
USP, cryst., bbls., dms.....lb. .05½- .11
Tallate, 4% Fe, 50-gal. dms..lb. .10¼- —
Iron-ammonia citrate, brown, green, gran., pearls, dms.lb. .33 - .38
scales, dms.....lb. .49 - .52
Oxalate,[6] bbls.....lb. .23½- —
dms., kgs.....lb. .25½- .26½
Iron-soda oxalate, bbls., dms..lb. .23½- .26½
Isobornyl triocyanoacetate, cbys., dms., extra, works..gal. 4.95 - —
Isobutyl acetate,[6] dms., works.lb. .0860- —
tanks, works.....lb. .0760- —
Propionate, dms., works.....lb. .102 - —
Isopentane, dms., works.....lb. .45 - .55
Isophorone, dms., works.....lb. .25 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate,[6] dms., c.l., E. of Rockies, frt. alld..lb. .11 - —
l.c.l., E. of Rockies, frt. alld..lb. .11½- .12
tanks, E. of Rockies, frt. alld. lb. .10 - —
Alcohol (see Alcohol).
Ether, dms., c.l.....lb. .06 - —
l.c.l. .....lb. .06½- —
tanks .....lb. .04½- —
Isopropylamine, dms., works...lb .35 - —

ISCO

WAXES AND GOOD WAX SUBSTITUTES

BEESWAX and BEESWAX SUBSTITUTE
CARNAUBA and CARNAUBA SUBSTITUTE
CANDELILLA • CERESINES
JAPAN and MONTAN WAX SUBSTITUTES
OURICURY • OZOKERITE (Domestic)
SPERMACETI

ISCO

GUMS

ARABIC • GHATTI
KARAYA
LOCUST BEAN • TRAGACANTH

Imported and refined by us
in our plant at Jersey City.

INNIS, SPEIDEN & COMPANY
Established 1816
117 Liberty Street . . . NEW YORK 6
BOSTON • CHICAGO • CINCINNATI
CLEVELAND • GLOVERSVILLE • PHILADELPHIA

J

Jaborandi leaves, bls.....lb. .09 - .10
Jalap root, NF, bls.....lb. .39 - .40
powd., bbls., bxs.....lb. .46 - .47
Resin, lump, cns.....lb. 5.85 - —
powd., bxs.....lb. 5.90 - —
Juniper berries, dom., bgs.....lb. .70 - .85

K

Kamala, tins.....lb. .40 - .45
Kaolin (see China clay)
Kava kava root, bls.....lb. .28 - .24
Kerosene at refinery:—
Ark., 41-43 w.w., bulk, tanks, gal. 04½- .04¼
Bayonne, 41-43 w.w., tank... gal. .071 - —
Gulf ports, 41-43 w.w., bulk, gal. .04¼- .04½
Okla.-Texas, 42-44 w.w., tanks, gal. .04⅝- .04¾
Penn., 45 w.w., tanks...gal. .07½- .08
46 w.w., tanks.....gal. .07¼- .07⅝
47 w.w., tanks.....gal. .07⅝- .08
San Francisco, tanks.....gal. .11½- —
Kola nuts, bgs.....lb. .09 - .10

L

Lady slipper root, bls.....lb. 1.25 - 1.50
Lanolin (see Adeps lanae).
Lard,[1,8] pure, ref., trcs...100 lbs. .1522½- —
Chicago, trcs.....lb. .1455- —
Larkspur seed, bgs.....lb. 3.25 - 3.50
Laurel berries, bls.....lb. .25 - .26
Laurel leaves, Cyprus, bls....lb. .30 - .31
Greek, bls.....lb. No stocks
Portuguese, bls.....lb. .19 - .19½
Turkish, bls.....lb. .33 - .34
Lavender flowers, medium, bls.lb. .80 - —
ordinary, bls.....lb. .45 - .50
select, bls.....lb. .90 - .95
Lead,[1,2] (metal) (see paint market).
Acetate,[1] white, broken, bbls.lb. .12½- —
cryst., bbls.....lb. .12½- —
gran., powd., bbls.....lb. .13¼- —
Arsenate,[1,9] paste, stand., cns., c.l...lb. .05¾- .06
l.c.l. .....lb. .06 - .06¼
powder, basic, 3-lb. bgs. or larger, c.l...lb. .11½- .12
l.c.l. .....lb. .12 - .12¾
1-lb. ctns., c.l.....lb. .18½- .22½
l.c.l. .....lb. .19 - .23
standard, 3-lb. bgs. or larger. lb. .11 - .11½
l.c.l. .....lb. .11½- .12
1-lb. bgs., c.l.....lb. .16 - .20
l.c.l. .....lb. .16½- .20½
1-lb. ctns., c.l.....lb. .19 - .22
l.c.l. .....lb. .18½- .23½
½-lb. ctns., c.l.....lb. .21 - .25
l.c.l. .....lb. .21½- .25½

Inside column is maximum OPA prices for manufacturers or distributors; outside column for all other purchasers. Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 90 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.

Blue, basic sulphate, bbls., c.l., dlvd. E..lb. .07½- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo..lb. .07¾- —
l.c.l., dlvd. E.....lb. .07¾- —
Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo..lb. .08 - —
Carbonate (see Lead, white).
Chloride, fib. dms.....lb. .49 - —
Iodide, NF V, powd., bots..lb. 2.80 - —
jars .....lb. 2.69 - —
Linoleate, pale, precip., bbls.lb. .22½- —
Lead, metallic paste, works...lb. .19¾- .21½
Naphthenate, 24%-30% Pb, 50-gal. dms..lb. .14½- .17½
Nitrate, bbls.....lb. .12½- —
Oleate, bbls.....lb. .17¾- —
Peroxide, powd., tech., bbls..lb. .28 - —
Red, dry, 95% or less Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .09¾- —
other points.....lb. .09 - —
l.c.l., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. Cascade Mts. in Ore. and Wash..lb. .09¾- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .10¼- —
Colo., Mont., N. Mex., Wyo..lb. .10 - —
other points.....lb. .09¼- —
smaller lots, Ala., etc..lb. .10¼- —
Ariz., etc.....lb. .10¾- —
Colo., etc.....lb. .10½- —
other points.....lb. .10 - —
97%, Pb_3O_4, bbls., c.l., dlvd. Ala., etc..lb. .09¼- —
other points.....lb. .09¼- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .10 - —
Colo., etc.....lb. .10¼- —
Ariz., etc.....lb. .10½- —
other points.....lb. .09¾- —
smaller lots, dlvd. Ala., lb. .10¾- —
Ariz., etc.....lb. .11 - —
Colo., etc.....lb. .10¾- —
other points.....lb. .10¼- —
Lead, red, dry, 98%, Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., etc., lb. .09¾- —
other points.....lb. .09½- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .10¼- —
Ariz., etc.....lb. .10¾- —
Colo., etc.....lb. .10½- —
other points.....lb. .10 - —
smaller lots, dlvd. Ala., etc..lb. .10¼- —
Ariz., etc.....lb. .11¼- —
Colo., etc.....lb. .11 - —
other points.....lb. .10½- —
in oil, 95% min., kgs.....lb. .14 - —
Resinate, precip., 23.3% Pb, 160-lb. dms..lb. .17¼- —
Silicate, bgs.....lb. .0730- .0780
Soyate, 26.15% Pb, 50-gal. dms., lb. .22¼- —
Stearate, bbls.....lb. .31 - .32
Sulphate (see Lead, white, basic sulphate).
Tallate, 16% Pb, 60-gal. dms. lb. .08½- —
Titanate, bgs., bbls., c.l., works, frt. alld..lb. .11 - —
l.c.l., 5 tons, one delivery, E., frt. alld..lb. .11¾- —
Pac. Cst., ex whse..lb. .11¼- —
smaller lots, E. frt. alld..lb. .11½- —
Pac. Cst., ex whse..lb. .11¾- —
White, basic carbonate, dry, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash., and Wyo..lb. .08¼- —
dlvd., other points..lb. .08¾- —
l.c.l., dlvd. Ariz., etc.lb. .08¾- —
other points.....lb. .08½- —
basic sulphate, dry, bbls., c.l., dlvd. Ariz., etc..lb. .07½- —
other points.....lb. .07¼- —
l.c.l., dlvd. Ariz., etc..lb. .08 - —
other points.....lb. .07¾- —
in oil, consumers, kgs....lb. .13¼- .13¾
dealers, 100-lb. kg.....lb. .11¾- .12¼
painters, 100-lb. kg.....lb. .12¼- .12¾
Lecithin, edible, dms., c.l.....lb. .28½- —
l.c.l. .....lb. .29 - .48
in cocoa butter, dms., c.l.....lb. .46½- —
l.c.l. .....lb. .41 - .55
pure vegetable bots., 100-lb. lots..lb. 2.75 - —
tech., dms., c.l.....lb. .26 - —
l.c.l. .....lb. .26½- .27½
Lemon peel, bls.....lb. .35 - .40
Licorice extract, mass, cns....lb. .25 - .72
powd., bbls.....lb. .60 - .68
root, natural, Indian, bls....lb. .08 - .09
powder, bbls.....lb. .14 - .15
Russian, bls.....lb. .08½- .09
Spanish, bls.....lb. .12 - .13
Lignin extract, tanning grade, bgs., c.l., works..lb. .04 - —
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.:—
Adams, Mass.....ton. 8.00 - —
Annville, Pa.....ton. 7.50 - —
Bellefonte, Pa.....ton. 7.50 - —
Berkley, W. Va.....ton. 7.50 - —
Carey, Ohio.....ton. 7.00 - —
Cedar Hollow, Pa...ton. 8.50 - —
Crab Orchard, Tenn.ton. 6.25 - —
Eagle Mountain, Va..ton. 7.00 - —
Farnams, Mass.....ton. 8.00 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 6.25 - —
Knoxville, Tenn.....ton. 6.25 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 6.25 - —
Manistique, Mich....ton. 8.00 - —
Martinsburg, W. Va.ton. 7.50 - —
Menominee, Mich....ton. 8.00 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Rincon, Cal.....ton.13.00 - —
Ripplemead, Va.....ton. 7.00 - —
Riverton, Va.....ton. 7.00 - —
Rockland, Me.....ton. 8.00 - —
San Francisco, Cal..ton.13.00 - —
Scioto, Ohio.....ton. 6.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
York, Pa.....ton. 9.00 -
hydrated, paper bags, f.o.b. Adams, Mass..ton. 9.00 - —
Annville, Pa.....ton. 9.00 - —
Bellefonte, Pa.....ton. 9.00 - —
Berkley, W. Va....ton. 9.00 - —
Buffalo, N. Y.....ton.10.00 - —
Carey, Ohio.....ton. 8.50 - —
Cedar Hollow, Pa....ton. 9.00 - —
Crab Orchard, Tenn..ton. 9.00 - —
Eagle Mountain, Va..ton. 8.50 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio....ton. 9.00 - —
Hannibal, Mo.....ton. 9.00 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Le Roy, Minn.....ton.10.00 - —
Lime Crest, N. J....ton. 8.50 -
Limedale, Ark.....ton. 9.00 -
Manistique, Mich....ton. 9.50 - —
Marblehead, Ohio....ton. 9.50 - —
Martinsburg, W. Va...ton. 9.00 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Potoskey, Mich.....ton. 9.00 - —
Port Island, Mich....ton. 9.00 - —
Rapid City, S. D.....ton.12.00 - —
Ripplemead, Va.....ton. 9.00 - —
Rockland, Me.....ton. 9.00 - —
San Francisco, Cal...ton.16.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton. 9.00 - —
York, Pa.....ton. 9.00 - —
spray, paper bgs., f.o.b. Adams, Mass..ton. 9.50 - —
Annville, Pa.....ton. 9.50 - —
Bellefonte, pa.....ton. 9.50 - —
Carey, Ohio.....ton.11.00 - —
Farnams, Mass.....ton.10.00 - —
Gibsonburg, Ohio....ton.11.00 - —
Lime Crest, N. J....ton. 9.00 - —
Marblehead, Ohio....ton.11.00 - —
Rockland, Me.....ton.10.00 - —
Scioto, Ohio.....ton.10.00 - —
Woodville, Ohio.....ton.11.00 - —
York, Pa.....ton. 9.50 - —
Lime salts (see Calcium).
Lime-ammonia-nitrogen,[9] 20.5% N, bgs., works..ton. No stocks
Linalool, cns.....lb. 6.75 - 7.00
Linalyl acetate, cns.....lb. 3.25 - 8.75
Linden flors with leaves, bls...lb. .95 - 1.00
Linseed meal,[1] 34%, bulk, c.l.ton.45.00 - —
32%, bulk, c.l.....ton.42.00 - —
litharge, com'l powd., bbls., c.l., dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore., and Wash..lb. .08¼- —
other points.....lb. .08 - —
l.c.l., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .08¾- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .09¼- —
Colo., Mont., N. Mex., Wyo..lb. .09 - —
Other points.....lb. .08½- —

IF YOU *Use* STEARATES YOU NEED WITCO QUALITY

Witco Stearates meet the need for a more uniform stearic acid...insure greater consistency...more certain results in your formulations. Produced by selective hydrogenation of unsaturated oils, these highly versatile stearates are adaptable as a dispersing agent, softener, accelerator-activator in rubber...a water repellent in varnishes and plastics. Consult our staff regarding their application in your products.

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Litharge, com'l, powd., bbls., l.c.l., smaller lots, dlvd., Ala., etc..lb. .09¼- —
Ariz., etc.....lb. .09⅝- —
Colo., etc.....lb. .09¼- —
Other points.....lb. .09 - —
Lithium[4] bromide, bbls., 100 lbs. works, frt. equald..lb. 1.90 - —
smaller lots, works.....lb. 1.92 - 1.96
Carbonate, NF, 250-lb. bbls., kgs..lb. 1.25 - 1.30
Chloride, tars.....lb. 1.65 - 1.70
Citrate, bbls., dms., kgs.....lb. 1.40 - 1.45
Fluoride, bbls.....lb. 2.45 - 2.60
Hydroxide, jars.....lb. 1.25 - 1.40
Iodide, 5-lb. bots.....lb. 5 20 - —
25-lb. jars.....lb. 5.05 - —
Lithopone,[4] ordinary, bgs., (20 tons)..lb. .04¼- —
smaller lots.....lb. .04½- —
bbls., c.l. (20 tons).....lb. .04½- —
smaller lots.....lb. .04¾- —
Litharge,[6] (high-strength), bgs., c.l..lb. .0560- —
smaller lots.....lb. .0585- —
bbls., c.l.....lb. .0585- —
smaller lots.....lb. .0610- —
Lithopone, c.l., dlvd. Pac. Cst., ¼c. higher; l.c.l., ex whse. Pac. Cst., ½c. higher.
Liverwort leaves, bls.....lb. .70 - .75
Lobelia herb, bls.....lb. .43 - .48
Lobeline sulphate, bots., wks..oz. 25.50 -38.00
Logwood, cryst., No. 1, bbls..lb. .28 - —
No. 2, bbls.....lb. .26 - —
extract, liquid, No. 1, bbls..lb. .14 - —
No. 2, bbls.....lb. .13 - —
No. 3, bbls.....lb. .12½- —
No. 4, bbls.....lb. .10 - —
solid, No. 1, bxs.....lb. .23½- —
No. 2, bxs.....lb. .21½- —
Lovage root, dom., bls.....lb. .50 Nom.
Lupulin, NF, tins.....lb. 7.00 -10.00
Lycopodium, USP, cs.....lb. 3.00 - 3.25

M

Mace,[1] Amboyna, cs.....lb. .77 - .78
Banda, cs.....lb. .98 Nom.
West Indian, bgs.....lb. .62 - .63
broken, bgs.....lb. .55 - .56
Madder, Dutch, bbls.....lb. .24 - .30
Magnesia arsenate,[1,6] dms....lb. .153 - .18
Calcined, tech., USP, bbls., works..lb. .26 - —
Carbonate, tech., Zone 1, c.l., bgs..lb. .06¼- —
kgs. ....lb. .08¾- —
l.c.l., bgs.....lb. .07¼- —
bbls.....lb. .08½- —
kgs.....lb. .09¾- —
2, c.l., bgs.....lb. .06¼- —
bbls.....lb. .07½- —
kgs.....lb. .08¾- —
l.c.l., bgs.....lb. .07 - —
bbls.....lb. .08¼- —
kgs.....lb. .09½- —
USP, Zone 1, c.l., bgs.....lb. .08 - —
bbls.....lb. .08½- —
kgs.....lb. .09¾- —
l.c.l., bgs.....lb. .09 - —
bbls.....lb. .09½- —
kgs.....lb. .10¾- —
Zone 2, c.l., bgs.....lb. .06¼- —
bbls.....lb. .06½- —
kgs.....lb. .09¾- —
l.c.l., bgs.....lb. .08¼- —
bbls.....lb. .09¾- —
kgs.....lb. .10½- —
Magnesia carbonate;—Zone 1—Conn., Del. D. of C., Md., Mass., N. J., N. Y., Pa. and R. I. Zone 2—Balance of U. S. Frt. alld Phillipsburg, Plymouth Meeting and Valley Forge. Freight allowed on l.c.l. incl., dlvd storedoor.
Chloride, anhyd., bbls., dlvd..lb. .13 - —
flake, bbls., c.l., works...ton. 32.00 - —
l.c.l., works.....ton. 39.00 -42.00
Fluoride, bbls.....lb. .40 - .56
Hydroxide, med., bbls., dms., kgs..lb. .29 - .30
Hypophosphite, cns.....lb. 1.45 - —
Laurate, bbls.....lb. .33 - .35
Oxide (see Magnesia, calcined).
Peroxide, 15%, dms., works..lb. 1.00 - 1.35
Phosphate, tribasic, USP, bbls., lb. .60 - —
Silicate (see Talc).
Silicofluoride, bbls.....lb. .08 - .09
Stearate, bbls.....lb. .31 - .32
Sulphate (see Epsom salt).
Trisilicate, dms., 1,000-lb. contracts..lb. .37 - —
smaller lots, dms.....lb. .42 - —
Magnesite, cal., powd., bags, f.o.b. mines, Calif..ton. 58.75 - —
Magnesite, dead-burned,[1] bulk, c.l., f.o.b. Chewelah, Wash., ton. 22.00 -32.00
Malva flowers, black, bls.....lb. No stocks
blue, bls.....lb. No stocks
Leaves, bls.....lb. .40 - .50
Manaca root, bls.....lb. .24 - .30
Mandrake root, bls.....lb. .23 - .26
Manganese acetate, dms.....lb. .25½- —
Arsenate,[6] bgs.....lb. .12 - .13
Borate, tech., bbls.....lb. .16 - .18
Carbonate, bbls.....lb. .19 - —
Chloride, anhyd., bbls.....lb. .15 - .18
Dioxide, African, battery, 84-87%, bbls., 28-40 tons, works, ton. 74.00 - —
5-15 tons, works..ton. 77.00 - —
smaller lots, works... ton. 82.00 - —
Caucasian, 85-90%, bbls., c.l., works..ton. 74.00 - —
l.c.l., 5 tons, works..ton. 77.00 - —
smaller lots, works..ton. 82.00 - —
burlap bgs., c.l., works, ton. 71.75 - —
l.c.l., 5 tons, works..ton. 74.75 - —
smaller lots, works..ton. 79.75 - —
85-90%, paper bgs., c.l., works..ton. 70.00 - —
l.c.l., 5 tons, works..ton. 73.00 - —
Glycerophosphate, 2 bgs., bbls., 1,000-lb. lots..lb. 3.05 - —
100-lb. lots.....lb. 3.15 - —
cns., 25 lbs.....lb. 3.27 - —
Hydrate, bbls., dlvd.....lb. .26 - —
Iodide, bots., 5 lbs.....lb. 5.70 - —
jars, 25 lbs.....lb. 5.55
Linolenate, liquid, 4%, dms...lb. .20 - —
solid, precip., 8.2%, bbls...lb. .22 - —
Naphthenate, 6% Mn, 50-gal. dms..lb. .16 - —
Resinate, fused, 8½%, bbls..lb. .09 - .10¼
precip., dms.....lb. .14½- .15½
Soyate, 8.2% Mn, 50-gal. dms., lb. .22 - —
Sulphate, anhyd., dms., works.. lb. No stocks
feed grade, 77-80%, bgs....lb. 04 - .06
fertilizer, 65%, $MnSO_4$, bgs., c.l., dlvd. East..ton. 59.50 - —
l.c.l., bgs., same basis or f.o.b. Balto. and Cincinnati..ton. 68.50 - —
industrial grade, 80%, $MnSO_4$, bgs..lb. .05 - .05¼
Tallate, 4% Mn, 50-gal. dms.. lb. .09 - —
Mangrove bark, E. Afr., if and when available, bgs., based on freight $18, insurance $1 per ton. Any difference for buyers' account.....ton. 70.00 - —
Manna flake, cs.....lb. No stocks
Mannitol, com'l grade, bbls., works..lb. .35 - .40
reagent grade, 50-lb. cs. or multiples, works..lb. .85 - —
Manure, sheep, bgs., c.l., Midwest shipping points..ton. 14.50 -20.00
kiln-dried, bgs., c.l., f.o.b. Chicago..ton. 17.50 -25.00
Marjoram, Argentine, bls.....lb. .32 - .35
California, French type, bls., f.o.b. Pacific Coast..lb. .86 - .87
Chilean, bls.....lb. .34 - .35
Portuguese, wild, bls.....lb. .30 - .31
Matico leaves, bls.....lb. .22 - .29
Menthol,[1] natural, Brazilian, cs., 500 lbs..lb. 16.50 - —
smaller lots.....lb. 16.75 -16.90
synthetic, USP, cs.....lb. 13.00 - —
technical .....lb. 6.00 - 6.50
Menthyl salicylate, tins.....lb. 3.00 - 3.10
Mercurial ointment, USP, mild, 10%, tubs..lb. .70 - .73
30%, pails.....lb. 1.19 - 1.21
50%, pails.....lb. 1.54 - 1.56
Mercury (see Quicksilver).
Ammoniated (see White precipitate).
Bichloride[2] (see Corrosive sublimate).
Bisulphate,[2] dms.....lb. 2.15 - 2.17
Chloride,[2] (see Calomel).
Cyanide,[2] cryst., powd.....lb. 3.34 - —
Iodide,[2] red, NF, dms., kgs.lb. 3.90 - —
yellow, fib. dms., kgs.....lb. 4.00 - —
Nitrate ointment (see Citrine ointment).
Oxide,[2] NF (see Red precipitate).
tech. (see Red, mercury oxide).
yellow, NF VI, fib. dms...lb. 2.34 - 2.36
red,[2] NF (see Red, precipitate).
tech. (see Yellow, mercury oxide).
Mercury and chalk,[2] 5-lb. ctns..lb. 1.49 - 1.54
dms.....lb. 1.42 - 1.44
Mesityl oxide, dms., c.l., dlvd..lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
tanks.....lb. .10½- —
Metal leaf, composition, 5½x5½ in..pkg. 3.00 - —
Gold X+, deep, 23, 3⅜x3⅜ in., pkg. 15.00 - —
Silver, 3⅜x3⅜ in.....pkg. 3.00 - —
Metanitroparatoluidin, bbls....lb. 1.05 - 1.10
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs.....lb. .70 - —
Methanol,[1,6] natural, all grades, dms., c.l., E. of Miss. R., gal. .63 - .66
l.c.l., same basis.....gal. .73 - .76
tanks, same basis.....gal. .60 - —
Inside prices on natural methanol are drums extra; outside drums included
Prices W. of Miss. R., 3c. higher.
synthetic,[2,6] dms., c.l., Zone 1, frt. alld..gal. .31 - —
2, frt. alld. or dlvd...gal. .34 - —
3, frt. alld.....gal. .38 - —
4, frt. alld.....gal. .38 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .36 - —
2, frt. alld.....gal. .43 - —
3, dlvd. S. F. and L. A., gal. .41 - —
4, frt. alld. or dlvd...gal. .51½- —
tanks, Zone 1, frt. alld...gal. .24 - —
2, frt. alld.....gal. .27 - —
3, frt. alld.....gal. .29 - —
4, frt. alld.....gal. .29 - —
Synthetic methanol zones are:—Zone 1—Conn., Del., D. C., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb., N. H., N. J., N. Y., N. C., O., Pa., R. I., S. C., Tenn., Vt., Va., W. Va., and Wis. Zone 2—Ala., Ark., Col., Fla., Ga., Kan., La., Miss., N. Mex., N. Dak., Okla., S. Dak., Tex., and Wyo. Zone 3—Los Angeles and San Francisco. Zone 4—Ariz., Calif. (with exception of Los Angeles and San Francisco), Ida., Mont., Nev., Ore., Utah, and Wash. Buyers in Zone 4 have the option of buying at the delivered Zone 4 price or at the Zone 3 price, f.o.b. Los Angeles and San Francisco.
Methyl abietate, dms., c.l., dlvd. lb. .0722- —
l.c.l., 10-dm. lots, dlvd...lb. .0847- —
single dms., dlvd.....lb. .0947- —
smaller cont., dlvd.....lb. .1447- —
hydrogenated, dms., c.l., dlvd., lb. .1122- —
l.c.l., 10-dm. lots, dlvd...lb. .1247- —
single dms., dlvd.....lb. .1347- —
smaller cont., dlvl.....lb. 1347- —
Acetate, CP, 97-99%, dms., c.l., E. of Miss..lb. .10½- .12
W. of Miss.....lb. .11½- .13
l.c.l., E. of Miss.....lb. .11 - .14
W. of Miss.....lb. .12 - .13¼
tanks, E. of Miss.....lb. .09½- —
W. of Miss.....lb. .10½- —
tech., dms., c.l., E. of Miss., lb. .07 - .09
W. of Miss.....lb. .08 - —
l.c.l., E. of Miss.....lb. .07½- .11
W. of Miss.....lb. .08½- .10¼
tanks, E. of Miss.....lb. .06 - —
W. of Miss.....lb. .07 - —
Acetoacetate, dms., c.l., works, frt. alld..gal. .29½- —

A TOUGH FILM-FORMER THAT'S WATER SOLUBLE!

Extraordinary film-forming ability makes Methocel a most useful material. It produces tough, flexible films that are clear, colorless and free from taste or odor. Of outstanding importance—Methocel films are soluble in water—a unique and valuable property that suggests a variety of new uses. For other jobs, resistance to water can be increased.

Methocel films or coatings are unusually stable to discoloration or attack. They are also neutral and non-toxic and are easily plasticized where extra softness is required.

METHOCEL
THE INERT WATER SOLUBLE STABILIZER

Methocel offers special advantages to the manufacturer of water and water emulsion paints. In addition to its function as a thickener and stabilizer, Methocel contributes materially to such products because of its exceptional film-forming properties. Thus, Methocel's value to the paint formulation does not end when the paint has been applied. Instead, it continues as an active ingredient of the composition. Moreover, its pigment-binding property is further enhanced by its flexible film-forming character which adds to the physical toughness of the dried paint. Complete technical data is available on request.

THE DOW CHEMICAL COMPANY
MIDLAND, MICHIGAN
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METHOCEL

Other Dow products for the Paint Industry include: Ethocel, Dowicides, Styrene, Dowtherm, Phenol and many others.

DOW
CHEMICALS INDISPENSABLE
TO INDUSTRY AND VICTORY

Methyl acetone, natural, Group A, dms., c.l., E. of Miss., frt. alld..gal. .66 - —
l.c.l., same basis.....gal. .76 - —
tanks, same basis.....gal. .60 - —

Natural methyl acetone quoted dms., included by Group A. Prices W. of Miss. R., 3c. per gal. higher.

Group B, dms., c.l., Zone 1, frt. alld..gal. .63 - —
Zone 2, same basis.gal. .65 - —
Zone 3, same basis.gal. .67 - —
Zone 4, same basis.gal. .69 - —
l.c.l., Zone 1, same basis. gal. .66 - —
Zone 2, same basis.gal. .83 - —
Zone 3, same basis.gal. .70 - —
Zone 4, same basis.gal. .83 - —
tanks, Zone 1, same basis. gal. .60 - —
Zone 2, same basis.gal. .62 - —
Zone 3, same basis.gal. .64 - —
Zone 4, same basis.gal. .64½- —

Natural methyl acetone quoted drums, extra by Group B, sales zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los A., San Fran., Seattle, Wash., Portland, Ore.; Zone 4, Ariz., Cal., Idaho, Mont., N. Mex., Nev., Ore., Utah, Wash.

synthetic, dms., c.l., Zone 1.. gal. .51 - —
Zone 2.....gal. .52 - —
Zone 3.....gal. .53½- —
Zone 4.....gal. .54½- —
l.c.l., Zone 1.....gal. .54½- —
Zone 2.....gal. .57 - —
Zone 3.....gal. .58 - —
Zone 4.....gal. .59½- —
tanks, Zone 1.....gal. .43 - —
Zone 2.....gal. .44½- —
Zone 3.....gal. .45½- —
Zone 4.....gal. .45½- —

Synthetic methyl acetone sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., S. C., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal.; San Francisco, Cal.; also (c.l. only) Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Alcohol (see Methanol).

Anthranilate, 100-lb. lots....lb. 2.20 - 2.50
25-lb. lots, bots.....lb. 2.25 - 2.65
Benzoate,[6] ctns.....lb. .70 - 1.10
Bromide, cns.....lb. .75 - .80
cyls. .....lb. .65 - .75
Chloride, refrigeration, 500 lbs. and up machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
50 to 400 lbs., cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, lb. .40 - —
tanks, multi-unit, machine mfrs. and jobbers..lb. .31 - —
service men and consumers..lb. .35 - —

Methyl chloride quotations are spot or contract, ship. point. Prices above are in 60, 90 and 180-lb. cylinders. Prices on the 20-lb. cylinders, uniformly 10c. per pound higher.

Methyl cinnamate, cns.....lb. 1.50 - 4.00
Formate, dms.....lb. .89 - —
Lactate, dms., l.c.l., divd...lb. .70 - —
Iodide, bots.....lb. 4.00 - 4.15
Salicylate,[1] 500-lb. dms.....lb. .35 - —
25-50 lbs.....lb. .37 - .38
Methylamyl ketone, dms., cns., works..lb. .25 - .26
Methylcellulose, specl., vis. (4,000 cps.), fib. ctns., 2,000 lbs. or more, frt. alld..lb. .60 - —
100 to 1,999 lbs., frt. alld..lb. .65 - —
1 to 99 lbs., works.....lb. .70 - —
standard vis. (15-1,500 cps.), fib. ctns., 2,000 lbs. or more, frt. alld..lb. .58 - —
100 to 1,999 lbs., frt. alld., lb. .58 - —
1 to 99 lbs., works.....lb. .65 - —
Methylcyclohexane, 98-100%, dms., works..lb. .16 - —
Methylcyclohexanol, 98-100%, dms., works..lb. .28 - —
Methylcyclohexanone, 98-100%, dms., works..lb. No stocks
Methylene blue, medicinal, kgs., 100 lbs. 2.00 - 2.15
cns., 5 lbs.....lb. 2.35 - —
Chloride, retrig., dms., wks..lb. .18 - .28
solvent, dms., works.....lb. .12 - .15
Methylethyl ketone,[6] dms., E. of Rocky Mts..lb. .09 - —
l.c.l., same basis.....lb. .09½- —
tanks, same basis.....lb. .08 - —
Methylhexyl ketone, dms., tech., works..lb. .60 - —
Methylisobutyl ketone,[6] dms., c.l., divd..lb. .12½- —
l.c.l., divd.....lb. .13 - —
tanks, divd.....lb. .11½- —
Methylnaphthyl ketone, cryst., cns..lb. 3.00 - 3.10
Methylpentanediol, com'l, dms., l.c.l., works..lb. .20 - —

Metronite pigment (see Synthetic Resins and Other Branded Paint Materials list.)

Mica, dry grd.,[3] roofing, white, 20 mesh, bgs., c.l., f.o.b. works..ton.27.50 - —
l.c.l. .....ton.32.50 - —
30-31 mesh, bgs., c.l..ton.27.50 - —
l.c.l. .....ton.32.50 - —
40-45 mesh, bgs., c.l..ton.27.50 - —
l.c.l. .....ton.32.50 - —
80 mesh, bgs., c.l.....ton.35.00 - —
l.c.l. .....ton.38.00 - —
paint, plastic, 100 mesh, c.l., bgs..ton.40.00 - —
l.c.l. .....ton.43.50 - —
wet-grd.,[1] biotite, c.l., bgs..lb. .03¾- —
l.c.l. .....lb. .04¼- —
1,000 mesh, bgs., c.l.....lb. .03¾- —
l.c.l. .....lb. .04¼- —
white, 1,000 mesh, bgs., c.l., lb. .03¾- —
l.c.l. .....lb. .04¼- —
paint or lacq., c.l., bgs....lb. .04¾- —
l.c.l. .....lb. .05¼- —
paper bgs., c.l.....lb. .04¾- —
l.c.l. .....lb. .05¼- —
rubber, c.l., bgs.....lb. .04½- —
l.c.l. .....lb. .05 - —
wallpaper, bgs, c.l.....lb. .04¾- —
l.c.l. .....lb. .05¼- —

Mica, dry grd., quoted works; wet grd. and 1,000-mesh mica in car-load lots is frt. alld. E.; less car-load lots ex whse. or frt. alld. E. Prices of the wet grd. are ½c. per lb. higher W. of Miss. R. and 1c. per lb higher W. of Rockies.

Milk powder,[6] skimmed,[1] roller, bulk, Zone A, bbls..lb. .12½- —
Zone B.....lb. .12¾- —
Milk powd., spray, bbls., bulk, Zone A...lb. .14½- —
Zone B.....lb. .14¾- —
Milk powder Zones are:—Zone A, all States not included in Zone B. Zone B, Conn., Del., D. C., Mass., Md., Me., N. J., N. H. N. Y., Pa.. R. I., and Vt.
whole, roller, bbls.....lb. .35 - —
spray, bbls.....lb. .36 - —
Sugar,[1] bbls., c.l., works....lb. .26 - —
l.c.l., works.....lb. .26¾- .27¼
Mineral spirits (see Petroleum, mineral spirits)
Molasses,[1,5] blackstrap, tanks, works, Area 1..gal. .18 - —
Area 2, same basis....gal. .18½- —
Area 3, same basis....ton.26.00 - —
Area 4, same basis....ton.29.00 - —
Area 5, same basis....ton.34.60 - —

Note—Area No. 1, Fla., Ga., La., Tex.; Area No. 2, Miss., Md., N. J., N. Y.; Area No. 3, Calif.; Area No. 4, Colo., Idaho, Kan., Mont., Neb. (excepting Grand Island), S. D., Utah, Ore., Wash., Wyo.; Area No. 5, Ia., Md., Mich., Minn., Grand Island, Neb., Ohio, Wis.

Molybdate orange (see Orange, molybdate).
Molybdenum metal,[1,6] kgs., 99%, powd..lb. 2.60 - 3.00
Trioxide,[6] pure, kgs., basis Mo. content, works..lb. .95 - —
technical, kgs., works.....lb. .80 - —
Monoamylamine, dms., basis 100%, c.l., works..lb. .61 - —
l.c.l., works.....lb. .64 - —
Monoamylnaphthalene, l.c.l., dms., works..lb. .17 - —
Monobutylamine, dms., basis 100%, c.l., works..lb. .48 - —
l.c.l., works.....lb. .51 - —
Monochlorobenzene, dms., c.l..lb. .05½- —
l.c.l. .....lb. .07 - .09
tanks .....lb. .05 - —
Monoethanolamine,[6] dms., c.l., frt. alld. in E..lb. .24½- —
l.c.l., dms., same basis.....lb. .25½- —
tanks, same basis.....lb. .23½- —
Monoethylamine basis 100%, dms., c.l., works..lb. .43 - —
l.c.l., works.....lb. .46 - —
Monoethylaniliin, dms.....lb. .47 - —
Monomethyl para-aminophenol-sulphate, dms..lb. 3.75 - 4.00
Monomethylamine, dms.....lb. .05 - —
Monosodium phosphate (see Soda phosphate, monobasic).
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Hydrobromide, 5 ozs.....oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Hydrochloride, 5 oz. bots....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Morpholine, dms., 55 gals., l.c.l., works..lb. .67 - —
smaller containers, works....lb. .75 - —
Mullein leaves, cns.....lb. .12 - .13
Musk, nat., Tonquin, grains, bots., oz.40.00 -45.00
synth., ambretta, cns., 100 lbs. or more..lb. 4.00 - 9.00
25 lbs. to 75 lbs.....lb. 4.10 - 9.10
5 lbs.....lb. 4.25 - 9.45
ketone, cns., 100 lbs. or more, lb. 4.15 - 9.25
25 lbs. to 75 lbs.....lb. 4.25 - 9.35
5 lbs.....lb. 4.40 - 9.70
xylol, cns., 100 lbs. or more, lb. 1.40 - 2.50
25 lbs. to 75 lbs.....lb. 1.50 - 2.60
5 lbs.....lb. 1.65 - 2.00
Musk root, bls.....lb. 2.25 - 2.30
Mustard seed, Calif., brown, bgs., lb. .17½- .18
Montana, brown, bgs.....lb. .10¾- .11¼
yellow, bgs.....lb. .12 - .12½
Washington, yellow, bgs.....lb. .12 - .12½
Myrobalans,[6] J1, whole, bgs., frt. guar., insurance, $1. Any difference for buyers' account, ton.70.00 - —
crushed, same basis.....ton.75.00 - —
J3, whole, bgs., same basis.... ton.58.00 - —

N

Naphtha, painters (see Petroleum naphtha, V. M. & P.).
Solvent (see S).
Naphthalene,[3,6] crude, dom., 74°, bgs., c.l., frt. equald..lb. .03 - —
bbls., c.l., same basis...lb. .031 - —
tanks, same basis.....lb. .0275- —
78°, bgs., c.l., same basis, lb. .0325- —
bbls., c.l., same basis...lb. .0335- —
tanks, same basis.....lb. .03 - —
refined, balls, flakes, bbls., wholesalers and jobbers, works..lb. .08 - —
50-lb. cs., same basis....lb. .08½- —
1-lb. pkgs., same basis...lb. .08¾- —
Neocinchophen, USP, dms.....lb. 7.00 - 7.10
Nepheline syenite, glass grade, 24 mesh, bulk, Rochester, N. Y..ton.12.00 - —
pottery grade, 200 mesh, bulk, Rochester, N.Y..ton.15.50 - —
Nepheline syenite in bgs. is priced $2 per ton above the bulk quotations.
Nerolin, cryst., cns.....lb. 1.70 - 2.00
Niacin (see Acid, nicotinic).
Nickel,[4,5] carbonate, bbls.....lb. .36 - .36½
Chloride,[4] obls.....lb. .18 - .20
Cyanide,[4] bots., dms.....lb. No stocks
Oxide,[4,5] black, bbls.....lb. .35 - .39
Salt,[4,5] bbls. .....lb. .13 - .13½
Nicotine,[2] sulphate, 40%, dms., 50 lbs..lb. .7980- —
tins, 10 lbs.....lb. .90 - —
Nicotinamide,[6] dms.....kilo.13.25 -13.55
Nikethamide, bots., cbys.....lb.18.00 -19.00
Nitercake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms., c.l., lb. .08 - —
l.c.l. .....lb .09 - —
tanks .....lb. .07 - —
Nitrocellulose, alcohol-soluble, ¼, ½ sec., 30-35 cps., bbls., dry weight, l.c.l., works. lb. .26 - —
5-7, 40-60 cps., same basis, lb. .27 - —
ester-soluble, ¼, ½ sec., 30-35 cps., bbls., dry weight, l.c.l., works..lb. .26 - —
5-7, 15-20 cps. and higher, bbls., dry weight, l.c.l., works..lb. .25 - —
Nitrocellulose:—Denatured alcohol A used in manufacture is charged extra. Barrels extra, but returnable.
Nitroethane, dms., l.c.l., wks..lb. .25 - —
Nitrogen,[6] solut., tanks, ton N.108.21 - —
Prices adjusted to ammonia sulphate basis from ports, and anhydrous ammonia basis, Hopewell, Va.
Nitrogenous process tankage,[1] bulk, works.....unit-ton. 3.15 - 3.50
sewage sludge,[1] bulk, works, unit-ton.2.60 + .40- 3.00 + .40
Nitromethane, dms., l.c.l., works, works..lb. .25 - —
Nitronaphthalene, bbls.....lb. .24 - .25

ENCO SOLICITS INQUIRIES

for

TARTARIC ACID — LACTIC ACID

CREAM OF TARTAR — BENZOATE OF SODA

ENCOLOID (SOYA LECITHIN) — BLEACHING POWDER

PHOSPHORIC ACID — CHLORATE OF POTASH

SAPONIN

ENCO CHEMICAL CORPORATION

FORMERLY NEUBERG CHEMICAL CORP.

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NEUBERG CHEMICALS

Nitropropane 1, dms., works..lb. .25 - —
II, dms., same basis.....lb. .25 - —
Nutgalls,[6] Aleppo, bgs.....lb. .44 - .45
Chinese .....lb. .39 - .40
Nutmegs,[1] E. I., 95's bgs.....lb. .55 - .56
110's, bgs.....lb. .51 - .52
grinding, bgs. .....lb. .45 - .46
West Indian, No. 1, bgs.....lb. .34½ - .34½
Nux vomica, bls.....lb. .09 - .11
powder, bbls., bxs.....lb. .12 - .13

O

Oakbark extract,[1,6] 25% tan., bbls., c.l., works..lb. No stocks
Ocher (see Yellow).
Octane,[1] 100-140° C., industrial grade, dms., c.l., G.S..gal. .15½- —
l.c.l., G.S.....gal. .29 - —
10 gals., G.S.....gal. .55 - —
tanks, G.S.....gal. .13 - —
Octanol, normal,[6] tech., 300-lb. dms., dlvd..lb. .85 - —
Oil, almond, bitter, artl. (see Benzaldehyde).
bitter, F.P.A.....lb. 5.25 - 5.50
natural, USP, bots.....lb. Nominal
sweet, exp., dms., cns.....lb. 1.50 - 1.60
Angelica root, bots.....lb.140.00-150.00
Seed, bots.....lb. No stocks
Anilin (see A).
Anise, USP, cns., dms.....lb. No stocks
Apricot kernel, cns.....lb. .45 - .55
Avocado, cns., dms.....lb. 1.05 - 1.25
Babassu,[1,5] tanks.....lb. .1110- —
Bay, W. I., 50-55%, cns.....lb. 1.45 - 1.65
Puerto Rican, 55-60%, cns..lb. 1.55 - 1.75
Bergamot, artif., cns.....lb. 2.25 - 9.85
natural, Italian, coppers..lb.25.00 Nom.
Brazilian, cns.....lb.10.00 -10.25
Birch (see Oil, sweet birch).
Birchtar, crude.....lb. 2.00 Nom.
rectified, cns.....lb. 3.00 Nom.
Bois de Rose, Brazil, cns....lb. 4.75 Nom.
Mexican (see lignaloe wood)
Bone, dms., works.....gal. .65 - .70
Cade, USP IX (see Oil, juniper tar).
Cajeput, tech., dms.....lb. 1.65 - 2.25
redistilled, USP X, cns....lb. 2.00 - 2.50
Calamus, cns. .....lb.22.50 -25.00
Camphor, sassafrasey, cns..lb. No stocks
white, cns.....lb. No stocks
Cananga, native, cns.....lb.11.25 -12.50
rectified, cns.....lb.12.75 -15.00
Capsicum (oleoresin), USP VII, cns..lb. 4.50 - 4.65
Caraway, USP, cns.....lb.22.00 -24.00
Cardamom, bots.....lb.19.00 -21.00
Cassia, USP, cns.....lb.12.00 Nom.
Castor,[1] blown, dms., returnable, c.l..lb. .15¼- —
l.c.l. .....lb. .16 - —
cold pressed, USP, bbls.,c.l.lb. .14 - —
cns. .....lb. .15¾- .17¾
dms., returnable, c.l....lb. .13¾- —
l.c.l. .....lb. .14½- —
tanks .....lb. .13 - —
dehyd., bodied, dms., c.l..lb. .1790- —
l.c.l. .....lb. .1830- —
tanks .....lb. .1750- —
unbodied, dms., c.l.....lb. .1690- —
l.c.l. .....lb. .1730- —
tanks .....lb. .1650- —
No. 3, tech., bbls., c.l....lb. .13¾- —
l.c.l. .....lb. .14¼- —
dms., returnable, c.l....lb. .13½- —
l.c.l. .....lb. .14¼- —
tanks .....lb. .12¾- —
sulphonated, 50% (48% fat), dms., c.l..lb. .10 - —
l.c.l. .....lb. .11 - —
75% (63% fat), dms., c.l..lb. .12¼- —
l.c.l. .....lb. .13¼- —
80% (68% fat), dms., c.l..lb. .13½- —
l.c.l. .....lb. .14¼- —
Cedarleaf,[1] cns., dms.....lb. 2.65 - 2.85
Cedarwood, dms.....lb. 1.00 - 1.25
Celery, bots.....lb.19.50 -22.00
Chaulmoogra, USP, cns....lb. .70 - .75
Chinawood, (see Oil, tung).
Cinnamon bark oil, bots.....lb.36.00 -40.00
leaf oil, dms.....lb. 1.50 - 1.85
Citronella, Ceylon, cns.....lb. .90 - .95
Java, cns.....lb. No stocks
Clove, USP, cns.....lb. 1.60 - 1.65
Coconut,[1,6] Manila, crude, bulk, c.l.f., N. Y..lb. .0835- —
ret. dms.....lb. .0885- .0985
edible, ex tax dms.....lb. .0985- —
Cod, Newfoundland, dms..gal. .88 - —
tankcar .....gal. .83 - .85
Codliver,[6] med., USP, bbls., dms..gal. 2.35 - 2.50
Coriander, bots.....lb.23.50 -35.00
Corn,[1,5] crude, tanks, works.lb. .12¾- —
edible, dms., l.c.l.....lb. .16¼- .16½
tanks .....lb. .1502- —
foots, acid 95%, tanks, dlvd. E..lb. .07¼- —
raw, 50%, tanks, dlvd. E..lb. .03½- —
Cottonseed,[1,6] cooking, l.c.l., ret. dms..lb. .16¼- —
foots, acid, 95%, tankcar,. dlvd. E..lb. .07¾- —
raw, 50%, tankcar, dlvd. E., lb. .03¾- —
salad, l.c.l., ret. dms.....lb. .16½- —
Creosote (see C).
Croton, NF, cns.....lb. 3.00 - 4.00
Cubeb, USP, cns.....lb. No prices.
Crude (see Petroleum, crude).
Cumin, bots.....lb. 8.00 -10.00
Cypress, bots.....lb.12.00 - —
Degras (see D).
Dillseed, bots.....lb.10.00 Nom.
weed, bots.....lb. 5.00 - 5.50
Dip (see D).
Erigeron, cns.....lb. 2.25 - 2.40
Eucalyptus, cns.....lb. 1.20 Nom.
Fennel, sweet, cns.....lb. 4.50 Nom.
Fir, Canada, cns.....lb. 2.00 - 2.75
Fishliver,[1,6] dms., less than 40,000 A units per gram..... per million units. .14 - —
for each 1,000 additional A units up to 200,000 per gram..per million units. .001 - -
200,000 or more A units..... per million units. .30 - —
Fuel (see Petroleum, fuel oil),
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, cns....lb.13.00 -15.75
Bourbon, cns.....lb.13.00 -14.00
Russian, cns.....lb.15.50 - —
Turkish (see Oil, palmarosa).
Grapefruit, cns.....lb. 2.00 - 2.10
Ginger, dist., bots.....lb.20.00 -22.50
Hemlock, cns.....lb. 2.65 - 3.34
Juniper berry, cns.....lb.15.00 -16.00
wood, tech., cns.....lb. 1.00 - 1.25
Juniper tar, USP, dms.....lb. 1.00 - 1.30
Lard,[6] common, 1 bbl.....lb. .14 - —
extra, No. 1, bbls.....lb. .14½- —
Winter, strained, bbls...lb. .15 - —
prime, burning, bbls.....lb. .16 - —
ined, bbls. .....lb. .15½- —
Laurel, bots.....lb. No prices
Lavandin, cns., 25 lbs.....lb. 8.00 - —
Lavender flower, French, cns., lb. 8.50 -16.00
Russian, cns. .....lb.11.00 -11.50
garden, cns. .....lb. .55 - .75
spike, Spanish, pure, cns..lb. 3.50 - 4.00
tech., cns. .....lb. 2.75 - 3.00
Lemon, Calif., cns.....lb. 3.25 - —
Messina, cns.....lb. 3.25 - —
Terpeneless .....lb.25.00 -50.00
Lemongrass, cns., dms.....lb. 1.50 - 1.60
Lignaloe wood, Brazilian (see Bois de Rose).
Mexican, seed, cns.....lb. No stocks.
wood, cns.....lb. 3.20 - 3.25

Oil, lime, dist., Jamaica, cns..lb. 6.50 - 7.50
Mexican, cns. .....lb. 6.00 - 6.50
expressed, Jamaica, cns...lb.11.00 -12.50
Linseed, raw, dms., c.l.....lb. .1510- —
l.c.l. .....lb. .1550- .1610
tankcar .....lb. .1470- —
tankwagon .....lb. .1470- —
grinding, dlvd. Zone 1, tankcar..lb. .1450- .1550
varnish, dlvd. Zone 1, tankcar, lb. .1490- .1550
polymerized, dlvd. Zone 1, tankcar..lb. .1850- .2050
Boiled linseed oil, .004 over raw.
tankcar, Zone 3.....lb. .127 - —
Linseed replacem't, dms. ret.lb. .131 - .137
Lubricating,[1] at refinery, extax, California, neutrals, pale, 200-800 vis., 2¼-4 pour, tanks..gal. .07¼- .11
red, 200-900 vis., 4-6½ pour, plus tanks..gal. .07¼- .11¼
Group 3, bright stock, 150-160 vis., 0-25 pour, tanks, gal. .25 - —
300 vis., No. 3 col., 0-10 pour, tanks..gal. .14½- .18
200-280 vis., No. 3 col., 15-25 pour tanks..gal. .15 - .17½
140-150 vis., No. 8 color, 10-25 poer, tanks..gal. .24 - .30
cylinder oils, 600-630 flash, tanks..gal. .16 - .17
600-650 steam ref'd, tanks..gal. .15 - .15½
neutral, 70° F., No. 3 color, 150 vis., 0-25 pour, tanks..gal. .29 - .31
200 vis., 0-25 pour, tanks..gal. .31 - .33
Mace, dist., cns., dms.....lb. 5.00 - 5.25
Mandarin, Brazilian, cns....lb. 8.75 - 9.00
Italian, coppers .....lb.11.50 -15.00
Menhaden,[1,5] crude, tanks, Balto..lb. .089 - —
light-pressed, ret. dms....lb. .1260- —
tanks .....lb. .1180- —
ref'd, alkali, ret. dms....lb. .1360- —
kettle-boiled, ret. dms....lb. .1460- —

Oil, mineral, white (see Oil, white mineral),
Mustard, artif., USP, cns....lb. No stocks
Mustard seed,[6] exp., dms....lb. .14¾- —
Neatsfoot, 15°, c.l., bbls....gal. 1.90 - —
20°, c.l., bbls.....gal. 1.80 - —
30°, c.l., bbls.....gal. 1.60 - —
pure, bbls. .....lb. .18¼ Nom.
Neroli, bots.....lb.220.00 -275.00
Haitian, dms .....lb.240.00 - —
Nutmeg, dist., cns., dms.....lb. 5.00 - 5.25
Officica,[1] liquid, dms.....lb. .20½- .20½
tanks .....lb. No stocks
Oleo,[6] 1, bbls.....lb. .13¾ Nom.
Olibanum, bots. .....lb. 5.00 - —
Olive, denat., dms.....gal. No stocks.
edible,[1] Calif., ⅛%-3% f.f.a., dms..gal. 4.30 - 4.80
imported, dms.....gal. No stocks.
foots, dms. .....lb. No stocks.
sulphonated, 50% (40% fat), dms., c.l..lb. No prices.
l.c.l. .....lb. No prices.
80% (68% fat), dms., c.l..lb. No prices.
l.c.l. .....lb. No prices.
85% (68% fat), dms., c.l..lb. No prices.
l.c.l. .....lb. No prices.
Orange, sweet, dist., cs.....lb. 1.00 - —
expressed, Brazilian, cns..lb. 1.25 - 1.30
Calif., cns.....lb. 1.45 - 1.75
Florida, cns., dms.....lb. 1.10 - 1.20
Messina, USP, coppers.lb. No stocks.
West Indian, cns.....lb. 3.75 - 4.00
sequiterpeneless, bots.....lb.97.00 -100.00
Origanum, Spanish, cs.....lb. 2.40 - 2.75
Palm,[1,5] Niger, dms.....lb. .0865- —
Palmarosa, cns.....lb. 4.25 - 5.50
Paraffin,[1] 300° flash, 100-110 vis., tanks, G.S..gal. .05¾- —
320° flash, 60-70 vis., tanks, same basis..lb. .05¼- —
350° flash, 70-80 @ 100 vis., 0/10 pour..gal. .08 - —
80-85 vis., 0/10 pour, bbls., extra, Ind.refy..gal. .12 - —
100-100 vis., 0/10 pour, same basis..gal. .08½- —
10/25 pour, same basis.gal. .08¼- —

Oil, paraffin, 350° flash, 100-105 vis., 0/10 pour, same basis, gal. .14 - —
Patchouli, cns.....lb.20.00 Nom.
Peanut,[1,6] crude, tanks, mill. lb. .13 - —
bichd., deod., tankcar.....lb. .1501-
hydrog., tanks .....lb. .1573- .1578
foots, acid, 95%, tanks, dlvd. E..lb. .08 - —
raw, 50%, tanks, dlvd. E..lb. .04 - —
Pennyroyal, dms., cns.....lb. 4.10 - 4.25
import, cns.....lb. No prices
Peppermint, natural, dms....lb. 7.50 - —
redist., USP, dms.....lb. 8.05 - —
Perilla, crude, dms.....lb. No stocks.
Petitgrain, Paraguay, cns., dms. lb. 1.60 - 1.70
Pimento, berry, dms.....lb. 6.90 - 7.00
Leaf, cns.....lb. 4.50 - 4.75
Pine,[1,6] ret., dms., c.l., dlvd. E. gal. .63 - .63½
l.c.l., ret., dms., dlvd. E. gal. .73 - —
tanks, works.....gal. .55 - —
Pineneedle, cns. .....lb. 3.25 - 3.50
Putty,[3] bbls., E. Segundo, Richmond, Cal..gal. .22½- —
contracts .....gal. .19½- —
dms., c.l., Whiting, Ind..gal. *.34 - —
Boston, Providence....gal. .25 - —
l.c.l., same basis....gal. .27 - —
tanks, same basis.....gal. .18 - —
Martinez, Cal. .....gal. .28 - —

* Extra for bbls., but subject to quantity discounts, ranging from 2c. to 5c. per gallon, according to amount purchased.

Rapeseed,[1,6] denat., bulk, c.l.f. N. Y..lb. .1150- —
Red,[5] dist. dms., dlvd.....lb. .12¾- .13¾
tanks, dlvd.....lb. .12 - —
double dist., ret. dms.....lb. .15¼- .16¼
Saponified, same prices.
Rose, natural, coppers.....oz.30.00 -49.00
Rosemary, Spanish, cns., dms., lb. 1.70 - 2.10

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Cyclamal

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Ionone A. B.

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Hydratropic Aldehyde

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Veratraldehyde

Cumarin

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9 S. CLINTON STREET, CHICAGO 6 1019 ELLIOTT STREET, W. WINDSOR, ONT.

Oil, rosin, 1st rectified, dms..gal. .66 - —
2d rectified, dms.....gal. .68 - —
3d rectified, dms.....gal .72 - —
Rue, bots.....lb. 8.25 Nom.
Sage, Spanish, cns.....lb. 3.60 - 5.00
Sandalwood, NF, ust., cns..lb. 6.75 - —
Mysore, cns., case lots..lb. 7.00 - 7.26
Sardine, crude,[1,5] tanks, Pac. Coast..lb. .0890- —
light-pressed, ret. dms.....lb. .123 - .18
tanks.....lb. .1225- —
ref'd alkali, ret. dms.....lb. .133 - .14
kettle-boiled, ret. dms.....lb. .1480- .1500
Sassafras, artif., cns.....lb. 1.05 - 1.40
natural, cns., dms.....lb. 1.90 - 2.00
Savin, cns.....lb. No stocks
Savory, cns.....lb. 8.00 - —
Sesame,[1,5] tanks.....lb. .1430- —
Shingle stain, bbls., c.l., works, gal. .19 - —
l.c.l., works.....gal. .20 - —
tanks, works.....gal. .14 - —
Snake root, Canada, cns.....lb. No stocks
Soybean,[1,5] crude, tanks, Decatur..lb. .1175- —
decd., Winter, tankcar.....lb. .1395- —
ref. dms.....lb. .1500- .1540
clarif., dms.....lb. .1296- .1335
tanks.....lb. .1256- —
foots, acid, 95%, tanks, dlvd. E..lb. .07½- —
raw, 50%, tanks, dvld. E..lb. .05¼- —
refd., varnish, dms.....lb. .1395- .1406
tanks.....lb. .1340- .1347
Spearmint, dms.....lb. 4.00 Nom.
Sperm,[6] bleach, 38°, dms....lb. .1443- —
natural, 45°, dms.....lb. .1310- —
Spruce,[1] cns., dms.....lb. 2.65 - 3.30
Sunflower semi-ref.,[6] tanks..lb. .1430- —
refined, tanks.....lb. .1405- —
Sweet birch, North, cns.....lb. 4.00 - 5.00
South, cns.....lb. 2.50 - 3.75
Tall, crude, dms., c.l., works, ton.53.65 -55.00
l.c.l., works.....ton.58.65 -63.65
tanks, works.....ton.40.00 -45.00

Oil, tall, refined, dms., c.l., works..lb. .05 - .05¼
l.c.l., works.....lb. .05½- —
tanks, works.....lb. .04½- —
Tallow,[6] acidless, bbls.....lb. .14¼- —
tanks.....lb. .13¾- —
Tansy, cns.....lb. No stocks
Tar,[1] pine, dms., c.l., dlvd. E. cities..gal. .32¾- —
l.c.l., f.o.b. works.....gal. .29¾- —
tanks, dlvd. E. cities.....gal. .27 - —
rect., USP, bbls.....gal. .60½- —
Tar acid (see T).
Thyme, NF, red, cns.....lb. 2.50 - 3.50
white, cns.....lb. 2.65 - 4.00
Tung,[1,5] dms.....lb. .39 - —
tanks.....lb. .38¾- —
Turkey red (see Castor, sulphorated).
Turpentine (see T).
Vetiver, Java, bots.....lb.50.00 Nom.
Whale,[6] ref., natural, dms..lb. .1187 Nom.
winter, bleach, dms.....lb. .1232 Nom.
Wheat germ, dms.....gal.10.00 -13.50
White mineral, tech., 50-60 vis., dms., c.l..gal. .38 - —
l.c.l.....gal. .42 - .45
65/75 vis., c.l.....gal. .36 - —
l.c.l.....gal. .42 - .45
80/90 vis., dms., dm. charges not included, c.l..gal. .39 - —
l.c.l.....gal. .45 - .48
95/105 vis., dms., c.l...gal. .44½- —
l.c.l.....gal. .50½- .53½
125/135 vis., dms., c.l...gal. .49 - —
l.c.l.....gal. .55 - .58
145/155 bis., dms., c.l...gal. .51 - —
l.c.l.....gal. .57 - .60
175/185 vis., c.l.....gal. .54½- —
l.c.l.....gal. .60½- .63¼
200/210 vis., c.l.....gal. .58 - —
l.c.l.....gal. .64 - .67
320/330 vis., c.l.....gal. .65 - —
l.c.l.....gal. .71 - .74
335/345 vis., c.l.....gal. .66 - —
l.c.l.....gal. .72 - —

Oil, white mineral, USP, San Francisco, 55, 70 and 85 vis., ret. iron dms., 65 dms..gal. .40 - —
64-1 dms.....gal. .42 - .45
100 vis., 65 dms.....gal. .49½- —
64-1 dms.....gal. .51½- .54½
145 vis., 65 dms.....gal. .57 - —
64-1 dms.....gal. .59 - .62
180 vis., 65 dms.....gal. .60½- —
64-1 dms.....gal. .62½- .65½
340 vis., 65 dms.....gal. .72 - —
64-1 dms.....gal. .74 - .77
Wintergreen, nat., North, cns. South, cns.....lb. 6.50 - 8.50
synthetic (see Methyl salicylate). 4.00 - 4.25
Wood (see Oil, chinawood).
Wormseed, cns.....lb. No prices.
Wormwood, cns.....lb. 5.00 Nom.
Ylang-ylang, Bourbon, bots..lb. No stocks
Oleostearin,[1] bbls.....lb. .1054- —
Olivine, aggregate, c.l., mines, ton. 7.00 - 9.50
crushed, 8 mesh, bulk, c.l., works..ton. 8.00 - —
paper bgs., c.l., works..ton. 9.50 - —
Olivine, lumps, same basis...ton. 7.00 - —
spalls, same basis.....ton. 5.00 - —
Opium gum, USP, cns., 50-lb. lots..lb.13.00 - —
25-lb. lots .....lb.13.25 - —
smaller lots .....lb.13.50 -13.65
Prices on powd. and gran. USP opium are $1.50 per pound higher.
Orange, dinitroanilin toner,[1]..lb. 1.05 - —
Lake, Persian,[1] bbls.....lb. .30 - .45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .12¼- —

Orange mineral, Amer., bbls., 5 tons, dlvd. Ariz., Idaho., Nev., Utah and E. of Cascade Mts. in Ore. and Wash., lb. .12¾- —
Colo., Mont., N. M., Wyo..lb. .13¼- —
other points .....lb. .12 - —
smaller lots, dlvd. Ala., etc..lb. .12¾- —
Ariz., etc. .....lb. .13¼- —
Colo., Mont., N. M., Wyo..lb. .13 - —
Other points.....lb. .12¼- —
Molybdate,[1,5] bbls.....lb. .41 - —
Orthonitroanilin toner,[1] kgs., works..lb. .80 - —
bbls. .....lb. .80 - 1.05
Orange peel, bitter, Haitian, bgs., lb. .11 - .11½
sweet, bis.....lb. No stocks
Oregano, Mexican, curly leaf, bgs....lb. .09½- .10
flat leaf, bgs.....lb. .09 - .09½
Orris root, African, bis.....lb. .80 - .85
powd., bbls., bxs.....lb. .85 - .90
Portuguese, bls. .....lb. .45 - .46
Verona, bls. .....lb. 1.25 - 1.30
Orthoamylphenol, dms., works..lb. .25 - —
Orthoanisidin, bbls. .....lb. .70 - —
Orthochloroanilin, dms. .....lb. .60 - .70
Orthochlorophenol, dms.....lb. .32 - —
Orthocresol,[1,5] 30.4°C. Min. M.P., dms., c.l., works..lb. .17½- .18
l.c.l., same basis.....lb. .18 - .18½
29.0°C, Min. M.P., dms., c.l., works..lb. .16½- .17
l.c.l., same basis.....lb. .17 - .17½
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies, lb. .07 - —
l.c.l., same basis.....lb. .08 - —
tanks, same basis.....lb. .06½- —
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.
Orthonitroanilin, dms. .....lb. .45 - —
Orthonitrochlorobenzene, dms..lb. .15 - .18
Orthonitroparachlorophenol, cns., lb. .75 - —
Orthonitrotoluene, dms. .....lb. .09 - —
Orthophenetidin, dms. .....lb. .82 - —
Orthotoluidin, dms.....lb. .19 - —
Osage orange, crystals, bbls....lb. .23 - —
extract, No. 1, bbls.....lb. .11 - —
No. 2, bbls.....lb. .10 - —
Oxyquinolin sulphate, cns., 100 lbs., works..lb. 3.50 - —
smaller lots .....lb. 3.75 - 4.15

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Papain, powd., cs.....lb. 2.25 - 2.60
Papaverine natural, synthetic, hydrochloride, NF, cns., 100-oz. lots..oz. 7.00 - —
smaller lots.....oz. 7.05 - 7.25
sulphate, cns.....oz. 7.10 - 7.35
Paprika,[1] Chilean, good, bgs..lb. .26 - .27
Portuguese, choice, bgs.....lb. .38½- .39
extra fancy, bgs.....lb. .37¾- .38¼
good, bgs.....lb. .36 - .37
Spanish, fancy, bgs.....lb. .43 - .44
good, bgs.....lb. .36 - .37
fair, bgs.....lb. .32 - .33
Para-anisidin, dms., works....lb. .75 - —
Parachlorophenol, dms., wks..lb. .32 - —
Paracresol,[6] bbls., wks.....lb. .41 - —
Paracymene, dms., c.l., works.lb. .1595- —
l.c.l., same basis.....lb. .1645- —
tanks, same basis.....lb. .1545- —
Paradichlorobenzene, dms., c.l., works..lb. .11 - .13
l.c.l., same basis.....lb. .12½- .15
Paraffin, crude scale, white or yellow, 119-121 ASTM, bbls., c.l., refinery..lb. .04¼- —
fully ref'd, slabs, loose, 117-119 ASTM, c.l., refinery..lb. .05 - —
120-122 ASTM, same basis, lb. .0520- —
122-124 ASTM, same basis, lb. .0520- —
125-127 ASTM, same basis, lb. .0560- —
127-129 ASTM, same basis, lb. .0585- —
128-130 ASTM, same basis, lb. .0585- —
130-133 ASTM, same basis, lb. .0615- —
132-134 ASTM, same basis, lb. .0640- —
135-137 ASTM, same basis, lb. .0715- —
140-142 ASTM, same basis, lb. .0810- —
146-148 ASTM, same basis, lb. .1050- —
Prices in bags 4/10c. per lb. higher than those for slabs loose.
Paraformaldehyde,[2,5] dms., 1,000 lbs. or more, works..lb. .21 - —
smaller lots, works.....lb. .22 - —
Paraldehyde, tech., 98%, 55 and 110-gal.dms., l.c.l., works.lb. .12 - —
and 10-gal. dms., works..lb. .15 - —
USP, cns., cbys.....lb. .35 - .45
Paranitroaniin, kgs., works...lb. .43 - .45
Paranitrochlorobenzene, kgs., works..lb. .15 - —
Paranitrophenol, kgs.....lb. .35 - —
Paranitrotoluene, kgs., works..lb. .30 - —
Paraphenylenediamine, tech., kgs..lb. 2.00 - —
Paratoluenesulphonamide, bbls.lb. .70 - —
Paratoluidin, bbls., works.....lb. .48 - —
Paris green,[1] dealer, dms., kgs., c.l., works, frt. alld..lb. .20 - .25
l.c.l., same basis.....lb. .21 - .26
Passion flower herb, bis.....lb. No prices
Patchouli leaves, bis.....lb. .34 - .35
Pectin, bbls.....lb. .85 - —
Penicillin,[6] hospitals, institutions, ampules per 100,000 units, 3.20 - 4.50
for gov. purchases, ampules, per 100,000 units. 1.90 - —
Pennyroyal leaves, bls.....lb. .15 - .16
Pentachlorophenol, dms., works, lb. .20 - .25
Pentaerythritol,[6] CP, bbls., dlvd. lb. .75 - —
less than barrel lots.....lb. 1.00 - —
tech., bbls., c.l.....lb. .29 - —
l.c.l. .....lb. .33 - —
Tetra-acetate, bbls., dlvd....lb. 1.00 - —
less than barrel lots.....lb. 1.50 - —
Pentane,[1] 28°-38° C., industrial grade, dms., c.l., Group 3, gal. .11 - —
l.c.l., Group 3.....gal. .19 - —
tanks, Group 3.....gal. .07½- —
laboratory grade, dms., c.l., gal. .16 - —
l.c.l. .....gal. .29 - —
10 gal.....gal. .55 - —
Pepper, black,[1] 15 tons, bgs...lb. .0685 Bid
50 to 100 bgs.....lb. .0705 Bid
24 bgs.....lb. .0723- .0740
red, chillies, Carolina, longs, bgs..lb. .28 - .28½
sports, bgs.....lb. .50 - .52
Congo, bgs.....lb. .25 - .26
Louisiana, sports, bgs....lb. .50 - .52
Mombassa, bgs.....lb. .20½- .21
Niger, fair, bgs.....lb. .18½- .19
birdseye, bgs.....lb. .45 - .46
Sierra Leone, bgs.....lb. .22½- .23
Unganda, washed, bgs...lb. .21 - .21½
white,[1] 15 tons, bgs.....lb. .1161 Nom.
24 bgs. .....lb. .1295 Nom.

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Exchange
OIL OF
ORANGE
U. S. P.

Peppermint, USP, bls.....lb.	.60	- .70
import, bls.....lb.	.90	Nom.
Perchloroethylene,[6] d m s ., c., works, frt. alld., Zone 1..lb.	.0782-	.0800
l.c.l., same basis.....lb.	.0832-	.0850
Zone 2, dms., c.l., works, frt. alld..lb.	.0832-	.0850
l.c.l., same basis.....lb.	.0882-	.0900
Zone 3, dms., c.l., works, frt. equald..lb.	.0882-	.0900
l.c.l., same basis.....lb.	.0932-	.0950
Zone 4, dms., c.l., f.o.b. stock point..lb.	.0882-	.0900
l.c.l., same basis.....lb.	.0932-	.0950
Perchlorethylene zones are:—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb. (Omaha), Kans. (Kansas City), N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis.; (2) Ala., Ark., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S.C., S.D.; (3) Col., Mont. (E), N.M., Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.		
Peru balsam, dms.....lb.	1.15	- 1.20
Petrolatum, tech., dark, bbls., Group 3, c.l..lb.	.021 -	—
golden Topaz, bbls., c.l...lb.	.032 -	—
l.c.l. .....lb.	.036 -	—
red, veterinarian, bbls., c.l.lb.	.024 -	—
l.c.l. .....lb.	.028 -	—
USP, amber, fiber dms., c.l..lb.	.03½-	—
l.c.l. .....lb.	.04½-	—
extra amber, fib. dms., c.l..lb.	.03¾-	—
l.c.l. .....lb.	.04¾-	—
cream, c.l., fib. dms.....lb.	.05 -	—
l.c.l. .....lb.	.06½-	—
yellow, soft, fib. dms., c.l..lb.	.03½-	—
l.c.l. .....lb.	.04½-	—
white, lily, fib. dms., c.l..lb.	.05¾-	—
l.c.l. .....lb.	.07¼-	—
snow, c.l., fib. dms.....lb.	.06½-	—
l.c.l. .....lb.	.08 -	—
soft, c.l., fib. dms.....lb.	.06½-	—
l.c.l. .....lb.	.06½-	—
Petroleum, crude, bulk, at wells, California, heavy grades..bbl.	.93	- 1.01
Illinois .....bbl.	1.37	-
Kentucky, Union County..bbl.	1.32	- 1.37
Louisiana-Arkansas .....bbl.	.86	- 1.20
Oklahoma-Kansas .....bbl.	.85	- 1.25
Pennsylvania .....bbl.	1.31	- 3.00
Texas, Gulf Coast.....bbl.	1.06	- 1.36
North, North-Central.....bbl.	1.01	- 1.26
West .....bbl.	.70	- 1.15
Panhandle .....bbl.	1.10	- 1.22
Savannah, Ga.....bbl.	1.60	- 1.77
Wyoming .....bbl.	1.12	- —
Ether, laboratory grade, 30-60° C., dms., c.l., Group 3..gal.	.18	- —
l.c.l. .....gal.	.29	- —
10 gals.....gal.	.55	- —
35-60° C., dms., c.l.....gal.	.29	- —
c10 gals.....gal	.55	- —
40-75° C., dms., c.l.....gal.	.16	- —
l.c.l. .....gal.	.29	- —
10 gals.....gal.	.55	- —
Fuel oil, furnace, tanks, at refinery:— Arkansas, No. 1.....gal.	.04	- —
Nos. 2 and 3.....gal.	.02¼-	—
California, heavy....bbl.	1.10	- —
light .....bbl.	1.20	- —
diesel .....gal.	.04	- —
stove dist.....gal.	.05	- —
Group 3, No. 3.....gal.	.08½-	—
Group 3, No. 5.....bbl.	.85	- —
No. 6.....bbl.	.80	- .85
Kansas, No. 6.....bbl.	.85	- .90
Oklahoma, No. 2.....gal.	.03⅝-	—
No. 6.....bbl.	.90	- —
14-16 .....bbl.	.97	- —
Pennsylvania, No. 1.gal.	.07	- .07¼
No. 2.....gal.	.07	- .0805
No. 3.....gal.	.06⅞-	.07¼
36-40 gravity.....gal.	.07	- .07¼
bunker C, Baltimore, Md..bbl.	1.65	- 1.77
Boston, Mass.....bbl.	1.65	- 1.77
Charleston, Mass.....bbl.	1.60	- —
Jacksonville, Fla.....bbl.	1.60	- —
New York, N. Y.....bbl.	1.65	- 2.07
Norfolk, Va.....bbl.	1.65	- 1.77
Philadelphia, Pa.....bbl.	1.65	- —
Portland, Me.....bbl.	1.80	- —
Providence, R. I.....bbl.	1.65	- —
Savannah, Ga.....bbl.	1.65	- 1.77
Wilmington, N. C.....bbl.	1.65	- —
Lacquer diluent, at refinery:— California, 100 l.b.n., 200 e.p., tanks, dlvd. Los Angeles, gal.	.11	- —
Fort Wells, Wash.....gal.	.12	- —
San Francisco....gal.	.11½-	—
Willbridge, Ore...gal.	.12	- —
East Coast, N. J., N. Y., tanks..gal.	.11½-	—
gal.	.07⅞-	—
Group 3, benzol type, tanks, toluol type, tanks..gal.	.07⅞-	.07¼
Mineral spirits, at refinery, California (f.o.b. San Francisco), 163-252 b.r., tanks, gal.	.10½-	—
198-200 b.r., tanks...gal.	.10¼-	—
246-397 b.r., tanks...gal.	.10½-	—
312-408 b.r., tanks...gal.	.09 -	—
362-458 b.r., tanks...gal.	.09 -	—
East Coast, N. J., N. Y..gal.	.10 -	—
Group 3, tanks.....gal.	.06½-	—
tankwagon, Baltimore....gal.	.12 -	.18
Boston .....gal.	.12 -	—
Bridgeport, Conn.....gal.	.1630-	—
Buffalo .....gal.	.1240-	—
Camden, N. J.....gal.	.11 -	—
Chicago .....gal.	.13½-	—
Detroit .....gal.	.1580-	—
Hartford .....gal.	.1630-	—
Kansas City, Mo.....gal.	.1480-	—
Lancaster, Pa.....gal.	.12 -	—
Milwaukee .....gal.	.1440-	—
Minneapolis .....gal.	.1420-	—
Newark (200 gal.)....gal.	.11 -	—
New York (200 gal.)....gal.	.11 -	—
Philadelphia .....gal.	.11 -	—
Pittsburgh .....gal.	.129 -	—
Providence .....gal.	.13 -	—
Rochester .....gal.	.1320-	—
St. Louis.....gal.	.1370-	—
Syracuse .....gal.	.14 -	—
Washington, D. C.....gal.	.13 -	—
Wilmington, Del.....gal.	.13 -	—
Naphtha, cleaners, at refinery:— California (f.o.b. San Francisco), tanks..gal.	.12 -	—
East Coast, N. J., N. Y., tanks..gal.	.11 -	—
Group 3, tanks.....gal.	.07¼-	—
tankwagons, Newark....gal.	.12 -	—
Bridgeport .....gal.	.1730-	—
Chicago .....gal.	.1380-	—
Detroit .....gal.	.15 -	—
Milwaukee .....gal.	.1440-	—
Minneapolis .....gal.	.1420-	—
New York.....gal.	.12 -	—
Philadelphia .....gal.	.125 -	—
St. Louis.....gal.	.1470-	—
high-solvency, No. 1, over 76% arom., tanks, Bayway, N. J..gal.	.21½-	—
No. 2, over 90% arom., same basis..gal.	.21½-	—
No. 3, same basis.....gal.	.22½-	—
No. 5, tanks, same basis, gal.	.228 -	—
No. 30, tanks, f.o.b. Kingsland, N. J., frt. alld..gal.	.228 -	—
No. 40, tanks, Wilmington, Cal..gal.	.13½-	—
V.M.&P., at refinery:— California, 46.5, 254 l.b.p., 380 e.p., tanks, f.o.b. El Segundo..gal.	.11 -	—
Richmond .....gal.	.11½-	—
Willbridge, Ore., Pt. Wells, Wash..gal.	.12 -	—
Petroleum naphtha, VM&P, at refinery, Calif., 54-77, 310 l.b.p., 310 e.p., tanks, dlvd. Los Angeles..gal.	.10 -	—
San Francisco....gal.	.10½-	—
Portland, Seattle..gal.	.11 -	—
Group 3, tanks.....gal.	.07½-	—
Gulf Coast (dlvd. New Orleans), tanks..gal.	.06½-	—
tankwagon, Boston.....gal.	.13 -	—
Chicago .....gal.	.1380-	—
Detroit .....gal.	.15 -	—
Milwaukee .....gal.	.1540-	—
Minneapolis .....gal.	.1520-	—
Newark (200 gal)....gal.	.125 -	—
New York.....gal.	.12 -	—
Philadelphia .....gal.	.125 -	—
Pittsburgh .....gal.	.12½-	—
St. Louis.....gal.	.1470-	—
Solvent, rubber, at refinery, California (f.o.b. San Francisco)..gal.	.25½-	—
East Coast, N. J., N. Y., tanks..gal.	.11 -	—
Group 3, tanks.....gal.	.07¼-	.07½
Stoddard (CS 8-33), at refinery:— California (f.o.b. San Francisco), tanks..gal.	.11 -	—
East Coast, N. J., N. Y., tanks..gal.	.10 -	—
Group 3, tanks.....gal.	.06⅝-	—
Pennsylvania, w e s t e r n, tanks..gal.	.07¼-	.07½
tankwagon, Baltimore...gal.	.13 -	—
Boston .....gal.	.12 -	—
Chicago .....gal.	.13½-	—
Detroit .....gal.	.1580-	—
Milwaukee .....gal.	.1440-	—
Minneapolis .....gal.	.1420-	—
Newark .....gal.	.11 -	—
New York.....gal.	.11 -	—
Philadelphia .....gal.	.11 -	—
Pittsburgh .....gal.	.12½-	—
St. Louis.....gal.	.1370-	—
Syracuse .....gal.	.14 -	—
Xylol solvent. See Xylol petroleum solvent.		
Phenobarbital, 5-lb. cns.....lb.	3.60	- 3.70
dms.. 100 lbs.....lb.	3.50	- —
Phenol,[3,6] 90-92% (cresol, 8-10%), dms., c.l., works, frt. equald., lb.	.10	- —
l.c.l., same basis.....lb.	.10⅝-	—
tanks, same basis.....lb.	.09	- —
82-84% (cresol, 16-18%), dms., c.l., same basis..lb.	.09⅝-	.10¼
l.c.l., same basis.....lb.	.10¼-	.10⅝
tanks, same basis.....lb.	.08⅝-	.09¼
USP, dms., c.l., works, frt. equald..lb.	.10½-	—
l.c.l., same basis.....lb.	.11¼-	—
tanks, same basis.....lb.	.09½-	—
Phenolphthalein, USP, bbls., dms., 2,000 lbs..lb.	.85	- —
smaller lots.....lb.	.87	- .92
yellow, fib. dms., 2,000 lbs...lb.	.80	- —
smaller lots.....lb.	.82	- .87
Phenothiazin, fib. dms., 2,000-lb. shipt..lb.	.49	- —
smaller lots, same basis..lb.	.54	- —
Phenylacetaldehyde, 50% solut., bots..lb.	2.45	- 3.00
100% solut.. bots.....lb.	4.40	- 5.00
Phenylethyl acetate, cns.....lb.	2.45	- 3.00
Phenylethylphenyl acetate, bots., lb.	5.50	- 7.00
Phenylhydrazin, base, CP, bots.lb.	4.55	- —
Hydrochloride, CP, bots., works, lb.	7.10	- —
commercial, kgs., works....lb.	1.75	- —
Phloroglucinol, CP, fib. dms...lb.	13.75	-14.75
tech., fib. dms.....lb.	12.00	-12.50
Phosgene, ton lots, works.....lb.	.19	- —
Phosphate rock,[1,6] Fla., land pebble, unground, run-of-mine, washed, dried, 68%-66% b.p.l., M.P.R. 240 provisions, bulk, f.o.b. car, mine, c.l..... long ton.	2.20	- —
Phosphate rock, Fla., 70-68% b.p.l., M.P.R. 240 provisions, same basis..long ton.	2.60	- —
72%-70% b.p.l. M.P.R. 240 provisions, same basis..long ton.	3.20	- —
75%-74% b.p.l., M.P.R. 240 provisions, same basis..long ton.	4.20	- —
77%-76% b.p.l., M.P.R. 240 provisions, same basis..long ton.	5.20	- —
entirely pebble 50c. per ton higher than above prices.		
30%, P_2O_5 minimum, short ton.	2.90	- —
31%, P_2O_5 minimum.. short ton.	3.10	- —
70%, basis 32%, P_2O_5 minimum..short ton.	3.45	- —
Tenn., brown, unground, run-of-mine, 70%-68% b.p.l., 3% l. & a., M.P.R. 240 provisions, same basis.. long ton.	5.00	- —
72%-70% b.p.l., 3½% l. & a., M.P.R. 240 provisions, s a m e basis..long ton.	5.50	- —
refinery ground, same basis, long ton.	4.65	- —
30%, P_2O_5, same basis..... short ton.	4.55	- —
31%, P_2O_5, same basis. .. short ton.	4.95	- —
32%, P_2O_5, same basis..... short ton.	5.20	- —
33%, P_2O_5, same basis..... short ton.	5.70	- —
Phosphate, defluorinated (see under D).		

Double Trouble!

Oh, what an unbeautiful day *this* is going to be!

And it is an unbeautiful day in your plant, too, when the solvent you are using varies in uniformity. For a solvent is one of many ingredients in a formula. When uniformity varies from one batch to another—there's double trouble.

That, however, is one headache you can easily avoid. Specify SKELLYSOLVE. The SKELLYSOLVE of a given type that you order a year hence will be identical in characteristics with that type ordered today. The reason: uniformity in SKELLYSOLVE is assured by the way we refine it. Each step is directed and checked by scientific, *precision* instruments . . . instruments not subject to human error . . . that do not forget.

SKELLYSOLVE
***in the* OIL, PAINT *and* DRUG FIELD**

The Skellysolve line includes naphthas specially fractionated for all laboratory and industrial uses. We furnish a full line of V. M. & P. naphthas, mineral spirits, and lacquer diluents, as well as many other special hydrocarbons. Our technical staff has aided many manufacturers in developing formulas for new or improved products which have proved to be of great value. Write or wire for full information today.

SKELLY OIL COMPANY · SKELLY · SILVER JUBILEE · 1919-1944 · A FIFTH OF A CENTURY OF PETROLEUM PROGRESS

SKELLYSOLVE

SOLVENTS DIVISION, SKELLY OIL CO.
SKELLY BLDG., KANSAS CITY, MO.

Phosphorus,[e] red amorphous, cs.,
lb. .40 - .44
tins, export lb. .55 - —
Yellow, dms. lb. .25 - —
cs. lb. .28 - .2
Oxychloride,[e] cyls. lb. .15 - .18
Pentoxide,[e] dms., c.l., wks. lb. .11 - .12
l.c.l., works lb. .13 - .14
Sesquisulphide,[e] cs. lb. .38 - .42
Trichloride,[e] cyls. lb. .15 - .16
Phthalamide, bbls., works lb. .35 - .40
kgs., works lb. .45 - .50
Phthalic anhydride,[e] bgs., bbls., c.l., works, frt. alld. E. of Denver lb. .13 - —
l.c.l., same basis lb. .14 - —
Pichi leaves, bgs. lb. .08 - .09½
Picoline (see Alphapicoline and Betapicoline).
Picrotoxin, bots. oz. 8.00 - —
Pilocarpine hydrochloride, USP, bots., vls. oz. 3.90 - 5.25
Nitrate, bots., vls. oz. 3.80 - 5.15
Pimento,[1] Jamaica, bgs. lb. .21 - .21½
Mexican (see Allspice, Mexican).
Pinkroot, bls. lb. 1.90 - 2.00
Piperazine hexahydrate, bots. lb. 16.00 - —
Pitch, burgundy (see B).
Coaltar,[2] 160° m.p., bbls., c.l., works ton. 19.00 - —
l.c.l., works ton. 22.00 - —
Cottonseed, dms., works lb. .04 - .06
Hardwood, paper bgs., works lb. .03½ - —
Linseed, dms. lb. .05 - .05½
Petroleum (see Asphaltum, Mexican, Texas).
Soybean, dms., works lb. .04 - .06
Pine, dms. 100 lbs. 3.25 - —
stands, 200 lbs. stand. 6.00 - —
Plaster of paris (see Gypsum).
Podophyllin, dms. lb. 8.75 - 9.00
Pokeroot, bbls. lb. .14 - .15
Polyamylnaphthalene, dms., l.c.l., works lb. .25 - —
Pomegranate, root bark, bgs. lb. .80 - .85
Poppy flowers, bls. lb. .60 - .70
Seed, Canadian, bgs. lb. No stocks
domestic, blue, bgs. lb. No stocks
Dutch, bgs. lb. No stocks
Indian, white, bgs. lb. No stocks
Turkish, bgs. lb. No stocks
cleaned, bgs. lb. No stocks
Potash abietate lb. .08 - —
Acetate, USP, bbls., dms. lb. .28 - .30
cns. lb. .31 - .32
Arsenite,[e] USP, solut., cbys., djns. lb. .13 - .15
Bicarbonate, USP, cryst., gran., bbls., dms. lb. .19 - .21
Bichromate,[e] bbls., cks., c.l., works lb. .09¾- —
l.c.l., works lb. .09¾- .10
Potash bichromate in bgs., ½c. less.
Bromide, USP, gran., 500-lb. bbls., dms. lb. .27 - .31
100-lb. kgs. lb. .23 - .32
Carbonate, calc., bbls., c.l., works lb. .06½- —
l.c.l., same basis lb. .06¾- —
hydrated, 83-85%, bbls., c.l., works lb. .06½- —
dms., l.c.l., same basis lb. .05¾- —
USP, gran., bbls., dms. lb. .14 - .20
powd., bbls., dms. lb. .19 - .24
Caustic, flake, 88-92%, dms., c.l., works lb. .07 - —
l.c.l., works lb. .07½- —
45% basis, dms. lb. .08¼- .08¾
tanks lb. .02⅞- —
liquid, dms., c.l., works, frt. alld. lb. .03 - —
l.c.l., dms., same basis lb. .03½- —
tanks, same basis lb. .02¾- —
solid, 88-92%, dms., c.l., works lb. .06¼- —
l.c.l. lb. .06½- .06¾
Chromate,[e] bgs. lb. .24 - .28
Chlorate,[e] cryst., bgs., c.l., works lb. .11 - .11¾
l.c.l., works lb. .119 - .13
powd., dms., kgs., c.l., works, lb. .09¾- .11¾
l.c.l., works lb. .119 - .13
export, 1 to 10 tons, kgs., ex whse. lb. .18 - .20
Potash chloride, cryst., tech., 98%, bgs., kgs. lb. .08 Nom.
Citrate, USP, gran., bbls., dms. lb. .33½- .38½
powd., 3c. per lb. higher.
Cyanide,[e] dms., works lb. .55 - —
Fluoride, bbls. lb. .34 - .40
Glycerophosphate, 75% cns., cbys. lb. 1.65 - 1.67
dms., 1,000 lbs. lb. 1.50 - —
100 lbs. lb. 1.60 - —
Guaiacolsulphonate, NF, dms. lb. 1.65 - 1.85
Hydroxide, USP, sticks, dms. lb. .34 - .36
Hypophosphite, cns. lb. .72 - .75
Iodate, bots., 5 lbs. lb. 3.46 - —
cns., 25 lbs. lb. 3.35 - —
Potash iodide, bots., cns. lb. 1.44 - 1.48
dms. lb. 1.35 - 1.38
Manure salt, dom.,[e] 22% K_2O, f.o.b. Carlsbad, N. M. unit-ton. .20 - —
Potash, manure salt, dom., 22% K_2O, seasonal contract discounts to March 31, 1945, 12%.
25% K_2O, same basis unit-ton. .21 - —
Metabisulphite, gran., bbls. lb. .19 - .21
powd., bbls. lb. .23 - —
Muriate, dom.,[e] 60-62-63% K_2O, bulk, ex vessel, ports, unit-ton. .53½- —
Seasonal contract discounts to March 31, 1945, 12%.
granular, 50-52% K_2O unit-ton. .53½- —
Russian,[e] offered from consignments afloat, subject to safe arrivals unit-ton. .53¼- —
Domestic muriate of potash prices, basis f.o.b. Carlsbad, N. M., are 11.2c. per unit of K_2O less than ex vessel price, basis Trona, Cal., 8c. per unit of K_2O less than ex vessel price at Pacific Coast ports.
Nitrate (see Saltpeter).
Oxalate, neutral, pure, gran., bbls., dms. lb. .37 - .50
tech., fine gran., bbls., dms., lb. .28 - .31
Potash perchlorate,[e] kgs., works, lb. .09¾- .11
Permanganate, tech., dms., works lb. .19¾- .20¼
USP, dms., works lb. .20½- .21
Prussiate, red, bbls., dms. lb. .50 - .53
Yellow, bbls. lb. .16 - .17
Ricinoleate, tech., bbls. lb. .18 - —
Silicate, alkaline, lumps, bgs., works lb. .07 - —
glass, bgs., c.l. ton. 290.00 - —
c.l. 100 lbs. 15.25 - —
solution 20° Be, ret. drums, c.l., works 100 lbs. 4.25 - —
l.c.l., 5 or more, works 100 lbs. 5.00 - —
1-4, works 100 lbs. 5.50 - —
32° Be, ret. dms., c.l., works 100 lbs. 4.75 - —
l.c.l., 5 or more, works 100 lbs. 5.50 - —
1-4, works 100 lbs. 6.00 - —
40.5° Be, ret. dms., c.l., works 100 lbs. 5.75 - —
l.c.l., 5 or more, works 100 lbs. 6.50 - —
1-4, works 100 lbs. 7.00 - —
Sulphate, NF, powd., bbls. lb. .15 - .21
Prices on granular 4c. higher.
tech., dom., bulk,[e] basis 90-95%, K_2SO_4, min., 90% ex vessel, Atl. or Gulf ports. ton. 36.25 - —
Potash sulphocyanide, NF, dms. lb. .70 - .78
Xanthate, dms., c.l. lb. .12 - —
Potash-gold cyanide, 41% gold, bots., works oz. 14.20 - 14.95
Potash-magnesia sulphate, bulk,[e] min., 40% K_2SO_4, 18.50% MgO, ex vessel, ports. ton. 26.00 - —
Potash-soda ferricyanide, dms., works lb. .40 - .43
Potash-titanium oxalate, bbls., dms. lb. .45 - .50
Berries, bgs. lb. .23 - .25
Prickly ash bark, bls. lb. .40 Nom.
Prince's pine herb, bls. lb. .45 - .50
Procaine hydrochloride, cns., 25 lbs. lb. 8.00 - —
smaller lots. lb. 8.25 - 8.75
Propane,[e] industrial grade, tanks, Group 3, gal. .03¾- —
Propyleneglycol, dms., c.l., frt. alld. in E. lb. .15½- —
l.c.l., same basis lb. .16½- —
tanks, same basis lb. .14½- —
Psyllium seed (see Fleaseed).
Pulsatilla, bls. lb. .68 - .69
Pumice, grd., fine, bgs., ton lots. lb. .03¾- —
smaller lots. lb. .03¾- .04
coarse, 0½, 1, 1½, 2, 3, bgs., ton lots. lb. .03¾- —
smaller lots. lb. .03¾- .04¼
Chi., ton lots. lb. .04¼- —
Pumice packed in barrels is ½c. per lb. higher than the above prices.
Pumpkin seed, bgs. lb. .38 - .40
Purple lake (see Red).
Putty, com'l, dms. 100 lbs. 3.15 - —
linseed oil, raw, dms. 100 lbs. 5.00 - —
refined, dms. 100 lbs. 5.50 - —
standard, dms. 100 lbs. 4.20 - —
Pyrethrum,[1,e] concentrate, dewaxed, 20% for aerosol bombs, bbls., works lb. 9.25 - 9.50
liquid (20 to 1), basis 2 grams pyrethrins per 100 cc., bbls., works gal. 7.15 - —
(30 to 1), basis 3 grams pyrethrins per 100 cc., bbls., works gal. 10.65 - —
flowers, coarse-grd., 0.9% pyrethrins, bbls., works lb. .31½- —
fine-grd., 0.9% pyrethrins, bbls., works lb. .33¾- —
powder, 0.5% pyrethrins, bbls., works lb. .25 - —
Pyridin,[e] denaturing, ret. dms., works, frt. equald. gal. 1.55 - 1.60
refd., 2° ret. dms., same basis. lb. .45½- .46
Pyrites, Spanish, c.i.f. Atl. ports. long ton. 8.00 - 10.00
Pyrocatechin (see Catechol).
Pyronate, dms., works gal. .75 - 1.25
Pyrophyllite, standard, 200 mesh, c.l., pap. bgs., mines ton. 10.00 - —
325 mesh, same basis ton. 13.00 - —
No. 5, 200 mesh, c.l., mines ton. 8.00 - —
325 mesh, same basis ton. 11.00 - —
Pyroxylin scrap, opaque, amber, c.s., works lb. .17 - —
black, cs., works lb. .17 - —
China, white, ivory, cs., works lb. .17 - —
dense, white, cs., works lb. .17 - —
gray, cs., works lb. .17 - —
mixed, mottles, cs., works lb. .14 - —
translucent pastels, cs., works lb. .17 - —
transparent, cs., works lb. .19 - —
colors, cs., works lb. .17 - —
shavings, amber, cs., works lb. .17 - —
mixed colors, cs., works lb. .14 - —
white, cs., works lb. .17 - —

Q

Quassia chips, bls. lb. .10 - .15
Quebracho extract,[e] solid, 63%, bgs., c.l., ex dock, in bond, based on ocean freight, $12; insurance $1 per ton. Any difference for buyers account. Current freight $21.60; WSA insurance, $3.75 per ton lb. .04⅞- .05½
clarified, 64%, bgs., c.l., same basis lb. .05⅝- .05⅝
dissolved, 35% tan., bbls., works lb. .04125- .0550
tanks, works lb. .03625- .0450
ground, bgs., c.l. lb. .08 - .09
l.c.l., bgs. lb. .0825- .0950
Queen of the meadow root, bgs. lb .11 - .13
Quercitron, crystals, bbls. lb. .26 - —
extract, bbls., No. 1 lb. .10 - —
No. 2 lb. .09½- —
No. 3 lb. .09 - —
solid, bxs. lb. .18½- —
Quicksilver,[1] flasks (76 lbs. net) flask. 105.00 - 110.00
Quince seed, bgs. lb. 1.30 - 1.75
Quinidine,[e] NF V, cryst., cns. oz. 1.08 + .13½*
powd., precip., cns. oz. 1.01 + .13½
Sulphate, USP, cns. oz. .71 + .13½

* Surcharge of 13½c. per oz.; see note under Quinine.

Quinine,[e] NF, cns., 100 ozs. oz. .84 + .13½*
Acetate, cns., 100 ozs. oz. 1.05 + .13½
Arsenate, cns., 100 ozs. oz. 1.05 + .13½
Arsenite, cns., 100 ozs. oz. 1.07 + .13½
Bisulphite, USP, cns., 100 ozs. oz. .69 + .13½
Citrate, cns., 100 ozs. oz. .78 + .13½
Dihydrobromide, bots., 50 ozs oz. .86 + .13½
Ethylcarbonate, USP, cns., 100 ozs. oz. 1.25 + .13½
Ferrocyanide, cns., 100 ozs. oz. 1.07 + .13½
Formate, cns., 100 ozs. oz. 1.90 + .13½
Glycerophosphate, cns., 100 ozs. oz. 1.20 + .13½
Hydrochloride, USP, cns., 100 ozs. oz. .76 + .13½

THE B-29

As THE GREAT new battleship of the air, the B-29 Superfortress, ushers in a new phase of Allied air attack, millions of Americans thrill to the achievements it represents.

For this huge new plane flies faster, farther and higher and carries greater bomb loads and fire power than any other bomber in the world. It epitomizes the latest and most advanced knowledge not only in plane design and manufacture, but in aviation engineering, aeronautics, aerodynamics, instrument control and many other fields. The B-29 is the composite result of years of painstaking progress. As such, it is a typical product of that all important "Margin of Experience" on which new advances are being made in all fields of endeavor.

In every field of science, commerce and industry, the "Margin of Experience" proves again and again to be a vital factor to success.

Niagara offers it in the field of electro-chemical products. For Niagara has pioneered constantly in the development, improvement and adaptation to new uses of Liquid Chlorine, Caustic Potash, Caustic Soda, Paradichlorobenzene and Carbonate of Potash. Rely on Niagara's "Margin of Experience" for greater success in the use of these products.

AN ESSENTIAL PART OF AMERICA'S GREAT CHEMICAL ENTERPRISE

Niagara ALKALI COMPANY
60 East 42nd Street, New York 17, N. Y.
CAUSTIC POTASH • CAUSTIC SODA • PARADICHLOROBENZENE
CARBONATE OF POTASH • LIQUID CHLORINE

ADVENTURES IN THE "MARGIN OF EXPERIENCE"

Quinine hydrochlorosulphate, cns., 100 ozs..oz. .81 + .13½
Hydriodide, cns., 100 ozs..oz. 1.05 + .13½
Hyposulphite, cns., 100 ozs..oz. 1.07 + .13½
Phosphate, NF, cns., 100 ozs., oz. .90 + .13½
Salicylate, NF, cns., 100 ozs., oz. .79 + .13½
Sulphate, USP, cns., 100 ozs.oz. .67 + .13½
Sulphocarbolate, cns., 100 ozs. oz. 1.05 + .13½
Tannate, USP X, cns., 100 ozs. oz. .63 + .13½
Tartrate, cns., 100 ozs.....oz. 1.03 + .13½
Valerate, NF IV, 100 ozs...oz. .99 + .13½

* Surcharge to cover present war risk insurance, ocean freight rates, and additional expenses over the cost of usual business. Change in these controlling factors will be reflected in the surcharge invoiced.

Quinine-urea hydrochloride,* USP, cns..oz. .81 + .13½*
Surcharge: See note under Quinine.
Quinoline, dms., c.l., works...lb. .24½- .50

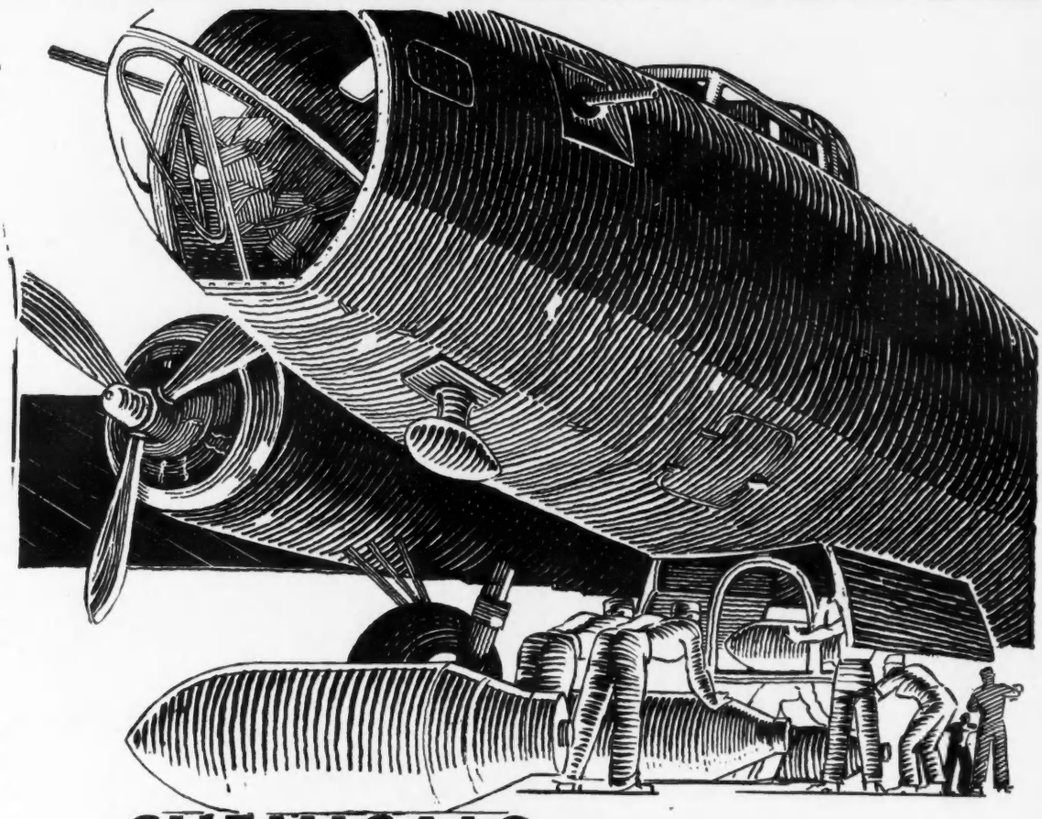
R

R salt, dry, bbls.....lb. .65 - —
paste, dms.....lb. .52 - —
Raspberries, dried, bls.....lb. .95 - 1.00
Red, alizarin lake,[3] bbls., dlvd. N. of Tenn. and N.C., E. of Miss R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. 1.10 - 1.90
Prices ½c. per lb. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.); Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1½c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. per lb. higher dlvd. Pacific Coast prices equaled with Chicago dlvd. Denver, Pueblo, Salt Lake City, Wichita.
Cadmium, lithopone, deep shade, bbls., E. Rockies..lb. 1.00 - —
light shade, bbls., same basis..lb. .85 - —
medium shades, bbls., same basis..lb. .80 - —
Red cadmium lithopone, all shades, in smaller pkgs., 5c. per lb. higher.
Selenide, dark, bbls., works..lb. 2.50 - —
light, same basis.....lb. 2.20 - —
orange, bbls., 100-lb. lots, works..lb. 1.50 - —
Carmine, 40, dms., 100 lb. lots, works..lb. 4.60 - —
smaller lots, same basis..lb. 4.75 - 5.25
Crocus Martis (see Red, purple oxide).
Dyes (see Dyes, red).
Eosin toner, bbls., works....lb. 1.35 - —
Firetoner, dom., bbls., works..lb. .85 - —
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y..lb. .09¼- —
Indian, 80-85%, bbls., same basis..lb. .09¾- —
imp., English, all shades..lb. .12 - —
Iron oxide, pure, bbls., c.l., l.c.l., bbls.....lb. 09¾- —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Pa.; Copley, O.; Easton, Pa., and E. St. Louis..lb. .08¾- —
80% copperas oxide, bbls., same basis..lb. .08¼- .096
Lacquer, maroon, bbls., works. lb. 1.25 - —
Lake C toner, alizarin, bbls., works..lb. .90 - —
Litho toner, alizarin, lake, bbls., works..lb. .60 - —
Pink, bbls., works.....lb. .20 - .25
Rose lake, bbls., works....lb. .25 - .28
Lithol-rubin toner, alizarin lake, bbls., works..lb. 1.10 - —
Maroon, alizarin lake, 25%, kgs., works..lb. .40 - —
Cadmium, bbls., works.....lb. 1.10 - —
deep, bbls., same basis..lb. 1.20 - —
Maroon, in smaller pkgs., 5c. per lb. higher.
Mercury oxide,[3] tech., bbls., 10,000 lbs., works..lb. 2.00 - —
smaller lots.....lb. 2.02 - —
Metallic, bbls., Pa., works..lb. .02 - —
Orange, Persian (see O).
Oxide (see Red, iron oxide).
Para[3] toner, concent., alizarin lake, kgs., works..lb. .70 - —
Phloxin toner (see Red, Eosin toner).
Phosphotungstic rhodamine, Y, kgs., works..lb. 4.15 - —
Purple, lake, kgs.....lb. 1.00 - —
Scarlet ink toner, kgs., works. lb. .55 - —
lake, alizarin, kgs., works, lb. .35 - —
Spanish oxide, grade 1, c.l., bbls..lb. .04¾- .07¾
Toluidin toner, alizarin lake, kgs., works..lb. 1.05 - —
M.N.P.T. maroon toner, kgs., works..lb. 3.25 - —
Turkey, bbls., works.....lb. .14½- —
Tuscan, bbls., E. St. L.....lb. 11 - —
Venetian, 5%, bbls., works..lb. 0220- —
10%, bbls., works.....lb. 0245- —
15%, bbls., works.....lb. .0265- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. 03¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls.....lb. .25 - .40
Quicksilver, bbls.....lb. 2.25 - 2.35
Red precipitate,[3] NF, powd., fib. dms..lb. 2.17 - 2.19
Red saunders wood, grd., bbls. lb. .35 - —
Resorcinol, tech., dms., frt. alld. E. of Miss..lb. .68 - .75
USP, cryst., dms., 100 lbs., frt. alld. E. of Miss..lb. 1.80 - —
Rhatany root, bxs.....lb. .11 - .12
Rhubarb, whole, cs.....lb. .85 - 2.50
powd., bbls.....lb. .95 - 2.60
Riboflavin, bots., 100 grams..kilo. 230.00 - —
Rice bran concentrate, dms., Cedartown, Ga., or Emeryville, Calif., seller's option. lb. .79 - —
Rochelle salt, cryst., bbls., 5,000 lbs., 1 ship't..lb. .43½- —
smaller lots.....lb. .44 - .47
powd., bbls., 5,000 lbs., 1 ship't..lb. .42½- —
smaller lots.....lb. .43 - .46
Rose flowers, pale, bls.....lb. .45 - .50
Rosemary flowers, bls.....lb. 1.55 - 1.60
Leaves, Portuguese, bls....lb. .09 - .09½
Spanish, bls.....lb. .13¾- .14½
Rosin, gum:—
B, dms., c.l.....100 lbs. 5.26 - —
D, dms., c.l.....100 lbs. 5.42 - —
E, dms., c.l.....100 lbs. 5.88 - —
F, dms., c.l.....100 lbs. 5.94 - —
G, dms., c.l.....100 lbs. 6.00 - —
H, dms., c.l.....100 lbs. 6.00 - —
I, dms., c.l.....100 lbs. 6.01 - —
K, dms., c.l.....100 lbs. 6.01 - —
M, dms., c.l.....100 lbs. 6.02 - —
N, dms., c.l.....100 lbs. 6.32 - —
W.G., dms., c.l.....100 lbs. 6.58 - —
W.W., dms., c.l.....100 lbs. 6.67 - —
X, dms., c.l.....100 lbs. 6.67 - —
Wood, F.F., dms., c.l...100 lbs. 3.78 - 3.98

Rotenone,[1,6] CP, bbls., works, lb.10.90 -
extract, liq., dms., works..... per unit. 1.05 - —
powder (see Cube root).
Rottenstone, bgs., c.l., mines.ton.25.50 - —
l.c.l., same basis.....ton.37.50 - —
Rue, bls.....lb. .75 - .80

S

Sabadilla seed, powd., bbls....lb. .30 - .32
Saccharin,[1] soda (soluble), dms., makers, primary distrib., 1,000 lbs. up..lb. 1.30 - 1.35
smaller lots, same basis..lb. 1.40 - 1.60
Saffron, Mexican, bls.....lb. .70 - .75
Spanish, tins.....lb. 45.00 Nom.
Safrol cns.....lb. 1.35 - 1.50
Sage,[1] Calif., French type, bls., f.o.b. Pacific Coast..lb. .82 - .85
leucophylla, July-Aug., bgs., Pacific Coast..lb. .55 - .56
Cyprus, good, bls.....lb. .20 - .20½
fair, bls.....lb. .16½- .17
Spanish, bls.....lb. .20 - .20½
Sago flour, bgs.....lb. .05 - .05¾
Salicin, bots., 5 lbs.....lb. No stocks
cns., 25 lbs.....lb. No stocks
Salol, gran., bbls., kgs.....lb. .90 - —
fib. dms.....lb. .92 - .93
powder, 10c. per lb. higher.
Salt rock, bgs., c.l.....ton.14.20 - —
l.c.l., bgs.....ton.17.00 -18.00
vacuum, common, fine, bgs., c.l..ton.15.70 - —
l.c.l. .....ton.19.40 -23.20
Saltcake, dom., bulk, works.ton.15.00 - —
Chrome (see Chrome cake).
Saltpeter, dbl. ref., gran., bbls., 10 tons..100 lbs. 8.20 - —
smaller lots.....100 lbs. 8.35 - 8.60
powd., bbls., 10-20 tons.... 100 lbs. 9.20 - —
smaller lots.....100 lbs. 9.35 - 9.60
Sanguinarine nitrate, bots....oz. 3.75 - —
Santonin, cryst., cns.....kilo. 200.00 -210.00
Saponin, No. 1, cns.....lb. 1.75 - 1.90
No. 2, cns.....lb. 1.40 - —
Sarsaparilla root, Amer., bls..lb. .35 - .37
Honduras, bls.....lb. .45 - .50
Mexican, bls.....lb. .19½- .20
Sassafras bark, ord., bls.....lb. .38 - .40
select, bls.....lb. .65 - .70
Savory, Spanish, bls.....lb. .30 - .31
Saw palmetto berries, bgs.....lb. .20 - .25
Scammony resin, lump, cns.. lb. 1.30 - —
powd., cns.....lb. 1.35 - —
Root, bgs.....lb. .08 - .10
Schaeffer's salt, bgs.....lb. .46 - —
Scullcap, Eastern, bls.....lb. No stocks
Seidlitz mixture, bbls., 5,000 lbs., 1 shipment..lb. .33¾- —
smaller lots.....lb. .34½- —
kegs, 5,000 lbs., 1 shipm't..lb. .34½- —
smaller lots.....lb. .34 - —
Selenium, pwd., cs., 1,000 lbs..lb. 1.75 - —
cns., 10 lbs.....lb. 1.85 - —
Senega root, spot, lbs.....lb. 1.00 - 1.05
Senna, Alex., half leaf, bls...lb. .22 - .28
siftings, bgs.....lb. .22 - .24
Tinnevelly, No. 1, bls.....lb. .16 - .16½
2, bls.....lb. .11½- .12
3, bls.....lb. .10 - .10½
powd., bbls., bgs.....lb. .15 - .17
Pods, ols.....lb. .13 - .16
Serpentaria root, bls.....lb. .85 - .90
Sesame seed,[1] Chinese, hulled, bgs..lb. .13½- .14
Indian, hulled, recleaned, bgs. lb. No stocks
natural, bgs.....lb. .11 Nom.
Shellac,[1] bonedry, bbls., 1,500 lbs..lb. .42½- —
Boston.....lb. .43½- —
Chicago.....lb. .44 - —
Pacific coast.....lb. .46 - —
Shellac, bonedry, refined, bbls., 1,500 lbs..lb. .48½- —
Boston.....lb. 49½- —
Chicago.....lb. .50 - —
Pacific coast.....lb. .52 - —
Bonedry shellac, sales of less than 1,500 lbs., at following additions to maximum prices:—(1) packed in bgs., ¾c. per lb. (2), bbls., 1c. more; (3), kgs., 3c. more.
D.C., V.S.O., Diamond I, bgs., lots of 100..lb. .4660- —
Garnet, bgs., lots of 100.....lb. .3890- —
Superfine, bgs., Boston, N. Y., lots of 100..lb. .3660- —
Chicago, lots of 100.....lb. .3710- —
Pacific coast, lots of 100...lb. .3960- —
TN, bgs., Boston, N. Y., lots of 100..lb. .3550- —
Chicago, lots of 100.....lb. .3600- —
Pacific coast, lots of 100...lb. .3805- —
Shellac in cs., 2c. higher. Shellac sales, 1 bg. or 1 cs., 5c. additional; 1 to 9 bgs. or cs., 2c. more; 10 to 99 bgs., cs., 1c. more.
Silica, amorph., dry-grd., 325 mesh bgs., c.l., Ill., works. ton.17.00 - —
l.c.l., same basis....ton.20.00 - —
400 mesh, bgs., c.l., same basis..ton.18.00 - —
l.c.l., same basis....ton.19.00 -20.00
wet-grd., 325 mesh, bgs., c.l., same basis..ton.18.00 - —
l.c.l., same basis....ton.21.00 - —
400 mesh, bgs., c.l., same basis..ton.30.60 - —
l.c.l., same basis....ton.35.00 -38.00
96-98%, 325 mesh, bgs., c.l., same basis..ton.20.00 - —
l.c.l., same basis....ton.21.50 -23.00
99%, 325 mesh, bgs., c.l., same basis..ton.20.00 - —
l.c.l., same basis....ton.22.00 -25.00
hard-quartz, 99½%, 325 mesh, bgs., c.l., same basis..ton.15.50 - —
l.c.l., same basis....ton.18.50 - —



CHEMICALS for *Bombs and Bombers*

Stauffer's Industrial Chemicals are being consumed in large quantities by essential industries for the production of the machines of War; for ammunition, equipment and supplies. These basic heavy chemicals and raw materials are used to produce aviation fuel and innumerable plane parts—motors, tires. Yes, and to add potency to its bomb load. Stauffer also produces chemicals for medical supplies and for use in agriculture, to increase crop yields that will provide adequately for America and our allies.

Stauffer CHEMICALS SINCE 1885

STAUFFER PRODUCTS

*Aluminum Sulphate	Caustic Soda	Nitric Acid	Sulphur Chloride
Borax	Citric Acid	Silicon Tetrachloride	*Superphosphate
Boric Acid	*Copperas	Sodium Hydrosulphide	Tartar Emetic
Carbon Bisulphide	Cream of Tartar	Stripper, Textile	Tartaric Acid
Carbon Tetrachloride	Liquid Chlorine	Sulphur	Titanium Tetrachloride
	Muriatic Acid	Sulphuric Acid	

(*Items marked with star are sold on West Coast only.)

420 Lexington Avenue, New York 17, N.Y.
444 Lake Shore Drive, Chicago 11, Illinois
624 California Street, San Francisco 8, Cal.
550 South Flower St., Los Angeles 13, Cal.
424 Ohio Bldg., Akron 8, O.—Apopka, Fla.
North Portland, Oregon—Houston 2, Texas

STAUFFER CHEMICAL COMPANY

Silica, hard-quartz, 140 mesh, bgs., c.l., same basis..ton.11.00 - —
l.c.l., same basis....ton.16.00 - —
Silicon tetrachloride, tech., 55-gal. dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .18½- —
10 gals., works.....lb. .27 - —
Silver bullion.....oz. .44⅝- —
govt. purchase, dom.....oz. .7111- —
govt. purchase,[1] foreign...oz. .44⅝- —
Cyanide, cns., 100 ozs.....oz. .41½- —
Nitrate, 100-oz. bots.....oz. .32⅝- —
Nucleinate, bots., dms.....oz. .308 - .358
Proteinate, bots., dms.....oz. .288 - .338
Simarubra bark, bls.....lb. .52 - .55
Skunk cabbage root, bls.....lb. .40 - .45
Slate flour, bgs., c.l., works..ton.11.00 -12.00
l.c.l., works.....ton.12.00 -13.00
Sloe berries, bgs.....lb. .70 - .75
Smalt, black, ctns.....lb. .06 - .08
Blue, ctns.....lb. .07 - .06½
Snakeroot, Canada, bls.....lb. .40 - .42
Soapbark, bls.....lb. .11⅝- .12½
crushed, bls., bbls.....lb. .13 - .14
cut, dom., bls., bbls.....lb. .16 - .19
imp., bbls.....lb. .18 - .19
powd., bbls.....lb. .1[illegible] - .18
Soda acetate, anhyd., dms., dlvd. lb. .08½- .10
l.c.l., dlvd.....lb. .06½- .06
NF, bbls., dlvd.....lb. .09½- .10
Alginate, refined, water-soluble, bbls., works..lb. .79 - —
semi-refined, bbls., works..lb. .42 - —
white, powd., drms.....lb. 1.50 - 1.80
Aluminate,[6] for water treat., bgs., c.l., works..100 lbs. 7.50 - —
l.c.l., works..... 100 lbs. 8.40 - —
other uses, bgs., c.l., works. 100 lbs. 7.00 - —
l.c.l. .....100 lbs. 7.50 - 8.00
Antimonate, bbls., dlvd.....lb. .15 - .15½
Arsenate,[6] dms., dealers, c.l., works..lb. .09½- —
l.c.l., same basis.....lb. .10¾- .11¼

Soda arsenite,[6] gray, dms., dealers, c.l., works..lb. .08¼- —
l.c.l., works..... .....lb. .09 - .10
Soda arsenite, gray, ¾c. higher in Chi.; 2c. higher in Houston, Tex., and Palo Alto, Calif.
Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.15 - —
l.c.l., dlvd., zone 1.....
100 lbs. 2.18 - —
2 .....100 lbs. 2.33 - —
3 .....100 lbs. 2.58 - —
4 .....100 lbs. 2.98 - —
bbls., c.l., works...100 lbs. 1.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l., works....100 lbs. .95 - —
extra light, 58%, bgs., c.l.....
100 lbs. 1.13 - —
l.c.l., dlvd. zone 1.....
100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works..100 lbs. 1.45 - —
l.c.l., dlvd., zone 1.....
100 lbs. 2.45 - —
2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.85 - —
4 .....100 lbs. 3.25 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works, 100 lbs. 1.05 - 1.13
l.c.l., dlvd., zone 1.....
100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works...100 lbs. 1.35 - —
l.c.l., dlvd. zone 1.....
100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —

Soda ash, light, 58%, bulk, c.l., 100 lbs. .90 - —
Soda ash sales zones are:—(1) All States E. of Miss R. and N. of south. bound. of Ky. and Va.; also Ala., La., and Miss., S. of 31°, Tex. E. of 100°, S. of 31°, Fla.; also Me., N. H., and Vt., in which there are special county zones; Davenport, Ia., and St. Louis; (2) Ark., E. of 93°, Ga., Iowa (except Davenport), Minn.; Mo. (except St. Louis), Neb. E. of 98°, N. C., S. C., Tenn. and Tex. N. of 31° and E. of 100° (except Wichita Falls); also Ala., La., and Miss. N. of 31°; (3) Ark. W. of 93°, Kans., Neb., W. of 98°, N. D., Okla., S. D., Tex. W. of 100° (including Wichita Falls (excluding El Paso); (4) Ariz., Colo., Idaho, Mont., Nev., N. M., Utah, Wyo., and El Paso, Tex.
Soda benzoate, tech., bbls., 2 tons or more..lb. .39 - —
smaller lots.....lb. .40 - .43
USP, dms., 2 tons or more.lb. .46 - —
smaller lots.....lb. .47 - .52
Bicarbonate, tech., bbls., c.l., works..100 lbs. 1.70 - —
l.c.l. .....100 lbs. 2.05 - —
bgs., c.l., works.....100 lbs. 1.55 - —
l.c.l. .....100 lbs. 1.90
USP, gran., bbls., c.l., works, 100 lbs. 2.25 - —
l.c.l. .....100 lbs. 2.60 - —
powd., bbls., c.l., works....
100 lbs. 1.85 - —
l.c.l. .....100 lbs. 2.51 - —
kgs., c.l., works....100 lbs. 2.10 - —
l.c.l. .....100 lbs. 2.76 - —
Bichromate,[6] bbls., cks., c.l., works..lb. .07¾- —
l.c.l., works.....lb. .07½- .07¾
Soda bichromate in bgs., ½c. less.
Bifluoride, bbls., c.l., frt. alld. E..lb. .11½- —
l.c.l., same basis.....lb. .12 - .14
kgs., l.c.l., same basis.....lb. .12½- .14

Soda bisulphite, powd., bbls., c.l., works..100 lbs. 3.00 - 3.10
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 32°, bbls., c.l., works. 100 lbs. 1.30 - —
l.c.l.. works.....100 lbs. 1.55 - —
30°, bbls., c.l., works..100 lbs. 1.35 - —
l.c.l., works.....100 lbs. 1.30 - —
35°, bbls., c.l., wks..100 lbs. 1.40 - —
l.c.l., works.....100 lbs. 1.65 - —
44°, bbls., works.....100 lbs. 1.55 - —
l.c.l., works.....100 lbs. 1.80 - —
Bromide, USP, gran., bbls., 500 lbs., works..lb. .27 - .30
fiber dms., works, 100 lbs. lb. .28 - .31
Cacodylate, 5-lb. bots., works. lb.17.00 - —
Carbonate (see Soda ash, soda monohydrated, soda sal).
Caustic, flake, powd., 70%, dms., c.l., works..100 lbs. 2.70 - —
l.c.l., zone 1, dlvd.....
100 lbs. 3.55 - —
2, dlvd.....100 lbs. 3.70 - 5.05
3, dlvd.....100 lbs. 3.95 - 5.30
4, dlvd.....100 lbs. 4.35 - 5.70
liquid, 47-49%, buyers' tanks, works..100 lbs. 1.92½- —
sellers' tanks, works....
100 lbs. 1.95 - —
70%, buyers' tanks, works..
100 lbs. 1.97½- —
sellers' tanks, works...
100 lbs. 2.00 - —
solid, 76%, dms., c.l., works, 100 lbs. 2.30 - —
l.c.l., zone 1, dlvd.....
100 lbs. 3.15 - —
2, dlvd.....100 lbs. 3.30 - —
3, dlvd.....100 lbs. 3.55 - —
Caustic soda zones are same as soda ash.
Chloride (see Salt).
Chlorate,[6] cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .07 - .06½
Chromate,[2,5] bbls., cks., c.l., works frt. equald..lb. .08¾- —
l.c.l., works, frt. equald..lb. .08¾- .09¼
Soda chromate in bgs. is ¼c. lower.
Citrate, USP VIII, bbls.....lb. .18½- —
dms.....lb. .19½- .23¼
USP XII, gran., bbls.....lb. .24 - —
dms.....lb. .25 - .29
powd., bbls.....lb. .24½- —
dms.....lb. .25½- .29½
Cyanide,[6] 96-98%, dms.....lb. .14½- .15
Diacetate, 33-35% acidity, bbls., dlvd..lb. .09¼- .10½
anhyd., dms., dlvd.....lb. .12½- —
Fluoride, white, 90%, bbls., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
95%, bbls., c.l., works...lb. .07¼- —
l.c.l., works.....lb. .08¼- —
Soda fluoride prices at Los Angeles are f.a.s. works.
Glutamate, monobasic, kgs..lb. 1.04 - 1.06
Glycerophosphate, NF, cryst., bbls., 1,000 lbs..lb. 1.25 - —
dms.....lb. 1.40 - —
powdered, 5c. higher.
solution, 50%, cbys., cns...lb. .82 - .90
Hydrosulphite, dms., frt. alld. lb. .17 - .18
Hydroxide, USP, sticks, dms.lb. .24 - .28
Hypophosphite, NF, cns.....lb. .67 - .70
Hyposulphite, cryst., bgs., c.l., works, frt. equald..100 lbs. 2.25 - —
l.c.l., same basis.100 lbs. 2.50 - —
pea, bgs., c.l., works..100 lbs. 2.60 - —
l.c.l., works.....100 lbs. 2.75 - 2.95
Soda hyposulphite in bbls., 20c. higher; in dms., 50c. higher.
Iodate, dms., jars.....lb. 5.40 - 5.45
Iodide, bots.....lb. 2.53 - 2.57
dms., jars.....lb. 2.42 - —
Mandelate, dms.....lb. 3.25 - 3.35
Metanilate, bgs.....lb. .40 - —
Metasilicate,[6] anhyd., dms., c.l., works, frt. equald..100 lbs. 4.00 - —
l.c.l., same basis...100 lbs. 4.90 - 5.30
gran., bbls., c.l., works, frt. equald..lb. 2.50 - —
l.c.l., dlvd.....100 lbs. 3.30 - 3.55
Molybdate,[6] anhyd., kgs., works, lb. .47 - —
Monohydrated, bbls.....100 lbs. 3.00 - —
works .....100 lbs. 2.55 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate,[6] crude, dom., 100-lb. bgs., c.l., works..ton.30.05 - —
bulk, same basis.....ton.27.00 - —
imp., 100-lb. bgs., c.l., Atl., Gulf, Pac., whse..ton.33.00 - —
200-lb. bgs., same basis.. ton.32.40 - —
bulk, same basis.....ton.30.60 - —
refd., gran., bbls., 10 tons.. 100 lbs. 3.60 - —
smaller lots.....100 lbs. 3.75 - 4.00
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equald..lb. .06¾- —
West Coast ports.100 lbs. 8.00 - 8.65
l.c.l., dlvd.....100 lbs. 8.90 -11.90
Orthosilicate, anhyd., dms., c.l., works, frt. equald..lb. 4.50 - —
l.c.l., same basis..100 lbs. 5.45 - 5.85
flake, dms., c.l., wks..100 lbs. 3.15 - —
l.c.l., dlvd.....100 lbs. 4.30 - 4.55
Oxalate, neut., bbls.....lb. .10 - .11
Pentachlorophenate, briquets, bgs., works, frt. equald..lb. .17 - .18
powd., bgs., c.l., works, frt. equald..lb. .16 - .16¼
l.c.l., works, frt. equald.lb. .17 - —
kgs., works, frt. equald..lb. .19 - —
lb. .19 - —
Pantothenate, dext., 100-gram bots..per gram. .10 - —
Perborate,[6] NF, bbls., c.l., works..lb. .14¾- —
l.c.l., works.....lb. .15¼- —
Peroxide,[6] dms., c.l., dlvd. E. of Miss..lb. .14 - —
smaller lots.....lb. .17 - —
Phosphate,[6] dibasic, tech., anhyd., bgs., c.l., works..... 100 lbs. 6.00 - 6.25
l.c.l., works....100 lbs. 6.50 - 7.25
cryst., bgs., c.l., works.. 100 lbs. 2.55 - 2.70
l.c.l., works.....lb. 2.95 - 3.45
USP XII, gran., bbls., dms., works..lb. .10 - —
dried, bbls., dms., works. lb. .10 - —
monobasic, anhydrous, bgs., c.l., works..100 lbs. 7.25 - 8.25
l.c.l., works.....100 lbs. 8.00 - 9.00
tribasic,[6] anhydrous, bgs., c.l., works, frt. equald..100 lbs. 6.00 - —
l.c.l., same basis..100 lbs. 6.50 - —
cryst., bgs., c.l., same basis. 100 lbs. 2.70 - —
l.c.l., same basis..100 lbs. 3.40 - —
kgs., c.l., works..100 lbs. 3.40 - —
l.c.l., works.....100 lbs. 4.15 - —
USP (see Sodium phosphate, dibasic). Soda phosphate in bbls. is 20c. higher.
Prussiate, yellow, bgs., contracts, works..lb. .09¾- .10¼
spot .....lb. .10¾- —
bbls., contract, works.....lb. .10 - .10¼
spot .....lb. .11 - —
Pyrophosphate,[6] anhyd., bgs., c.l., works, frt. equald..... 100 lbs. 5.28 - 6.10
l.c.l., same basis..100 lbs. 5.40 - 6.00
bbls., c.l., wks., frt. equald. 100 lbs. 5.45 - 6.30
l.c.l., same basis...100 lbs. 5.60 - 6.00

2½ TIMES MORE POWERFUL THAN CHLORINE

Through Mathieson's new chlorite-chlorine process, this powerful oxidizing and bleaching agent is now available to you.

Already proven to have remarkable values, chlorine dioxide opens new opportunities for definite processing improvements:

- ***in water treatment to remove tastes, odors.***
- ***in checking blue mold in citrus fruits.***
- ***in the processing and bleaching of starch.***
- ***in multiple bleaching of flour.***
- ***in bleaching of soap, paper, textiles and other materials.***

Controlled amounts of chlorine dioxide, without chlorine contamination, are secured by a safe and simple reaction. Equipment consists of a small generator filled with flaked commercial sodium chlorite and equipped with measuring devices for accurate control of chlorine and air flow. You simply generate chlorine dioxide as needed:

$$\underset{\text{sodium chlorite}}{2\ NaClO_2} + \underset{\text{chlorine}}{Cl_2} \longrightarrow \underset{\text{chlorine dioxide}}{2\ ClO_2} + \underset{\text{salt}}{2\ NaCl}$$

Our technical service department will be glad to furnish information on the use of chlorine dioxide in your particular operations.

Mathieson
CHEMICALS

THE MATHIESON ALKALI WORKS (INC.) 60 EAST 42nd STREET, NEW YORK 17, N. Y.

CAUSTIC SODA . . . SODA ASH . . . BICARBONATE OF SODA . . . LIQUID CHLORINE . . . BLEACHING POWDER . . . AMMONIA, ANHYDROUS & AQUA . . . NTH PRODUCTS . . . FUSED ALKALI PRODUCTS . . . SYNTHETIC SALT CAKE . . . DRY ICE . . . CARBONIC GAS . . . SODIUM CHLORITE PRODUCTS . . . SODIUM METHYLATE

Soda ricinoleate, tech., bbls....lb. .12 - —
Sal, bgs.....100 lbs. 1.35 - —
works .....100 lbs. 1.10 - —
bbls. .....100 lbs. 1.40 - —
works .....100 lbs. 1.20 - —
Salicylate, dms.....lb. .52 - .55
Sesquicarbonate, bgs., c.l., works, 100 lbs. 1.50 - —
bbls., c.l., works.....100 lbs. 1.70 - —
l.c.l., zone 1, dlvd...100 lbs. 2.10 - —
2, dlvd.....100 lbs. 2.85 - —
3, dlvd.....100 lbs. 3.10 - —
4, dlvd.....100 lbs. 3.50 - —
Soda sesquicarbonate l.c.l. price zones are same as those for soda ash.
Sesquisilicate, dms., c.l., works, 100 lbs. 3.95 - —
l.c.l., dlvd.....100 lbs. 4.05 - 4.30
Silicate, 40° turbid, dms., c.l., works..100 lbs. .80 - —
l.c.l., works.....100 lbs. 1.05 - 1.20
tanks, works.....tor.12.00 - —
52°, dms., c.l., works..100 lbs. 1.40 - —
l.c.l., works.....100 lbs. 1.65 - 1.80
tanks, works.....ton.25.00 - —
Silicofluoride,[6] bbls., c.l., works, lb. .06½- .07
l.c.l., same basis.....lb. .08 - .12
Stannate, dms., works, frt. alld. E..lb. .32½- .36½
Stearate, bbls., works.....lb. .19 - .24
Sulphate, NF, dried, powd., bbls..lb. .07 - .07½
tech., anhyd., bgs., bbls., c.l., works..100 lbs. 1.70 - 1.90
5 tons or more, works, 100 lbs. 1.95 - 2.15
less than 5 tons, works, 100 lbs. 2.20 - 2.40
cryst. (see Glauber's salt).
USP, cryst., gran., bbls..lb. .07 - .10
Sulphathiazole, mono hydrate, dms., 1,000-lb. lots..lb. 2.50 - —
500-lb. lots.....lb. 2.60 - —
smaller lots.....lb. 2.65 - 2.80
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.40 - —
l.c.l., dlvd.....100 lbs. 2.90 - 3.15
solid, bbls., c.l., works.100 lbs. 3.15 - —
l.c.l., dlvd.....100 lbs. 3.65 - 3.90
Sulphite, cryst., bgs., c.l., works, 100 lbs. 2.10 - —
l.c.l., works.....100 lbs. 2.35 - —
bbls., c.l., works.....100 lbs. 2.30 - —
l.c.l., works.....100 lbs. 2.55 - —
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l. .....100 lbs. 5.50 - 6.00
Sulphocarbolate, USP IX, gran., bbls., dms..lb. .28 - .33
powd., bbls.....lb. .30 - .35
Sulphocyanide, CP, dms.....lb. .55 - .65
Sulphohydrate, liquid, 38% basis 100%, dms., c.l., works..lb. .05½- —
l.c.l., works.....lb. .06 - .08
tanks, works.....lb. .04½- —
flake, 70-72%, dms., c.l., works..lb. .04½- —
l.c.l., works.....lb. .05 - —
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see Soda hyposulphite).
Tungstate,[6] tech., kgs.....lb. 1.35 - 1.50
Soda-formaldehyde sulphoxylate, stand cont. (125-250 lbs.)..lb. .19 - .22
Solvent naphtha,[4] dms., wks.gal. .32 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .27 - —
Minnequa, Colo.....gal. .27 - —
high-flash, dms., works...gal. .32 - —
tanks, frt. alld. E. of Omaha. to 2c. per gal..gal. .27 - —
Sorbitol, com'l, dms., works...lb. .17¾- —
Soybean meal,[1] 41%, Decatur, bulk, c.l..ton.45.00 - —
Protein, alpha, bgs., 40,000-60,000 lbs., works..lb. .19 - —
100-40,000 lbs., works...lb. .19½- .19½
less than 100 lbs., works. lb. .23 - —
Sparteine sulphate, bots., cns..oz. 1.80 - 1.90
Spearmint leaves, bls.....lb. .45 - .47
Spikenard root, bls.....lb. .35 - .37
Spruce extract, liq., reg., bbls., c.l., works..lb. .02½- —
tanks, works.....lb. .01½- —
pwd., super, bxs., c.l., wks.lb. .04½- —
Squawvine, bls.....lb. No prices
Squill, red, fortified, powd., bbls., bxs..lb. 2.25 - —
White, bls.....lb. .14 - .16
powd., bbls., bxs.....lb. .18 - .19
St. Ignatius beans, bgs.....lb. No stocks
St. John's bread, edible, bls...lb. .15 - .16
Starch, corn, pearl, bgs.100 lbs. 4.08 - —
Chicago .....100 lbs. 3.72 - —
Starch, corn, powd., bgs..100 lbs. 4.19 - —
Chicago .....100 lbs. 3.83 - —
Potato, bgs., c.l.....lb. .0637- —
l.c.l. .....lb. .0712- —
Rice, bgs., c.l.....lb. No stocks
Sweetpotato, bgs.....lb. No stocks
Wheat, thick boll, bgs.....lb. .05 - —
Iodide, bots.....lb. 1.87 - —
Stearin, oleo (see Oleostearin).
Stillingia root, bls.....lb. No stocks
Stoneroot, bls.....lb. .07½- .08
Storax, cs.....lb. 1.25 - 1.50
Stramonium leaves, bgs.....lb. .22 - .23
Seed, bgs.....lb. .20 - .21
Strontium bromide, cns., dms..lb. .53 - .55
Carbonate, 90%, bbls.....lb. .14 - .16
98%, bbls.....lb. .23 - .25
Chloride, tech., bbls.....lb. .22 - .24
Chromate, bbls., kgs., Phila..lb. .35 - .37
Iodide, bots.....lb. 3.06 - 3.15
jars, 25 lbs.....lb. 3.00 - —
Lactate, dms.....lb. 1.30 - 1.35
Nitrate, bbls., c.l., works....lb. .07¾- —
l.c.l., works.....lb. .08¼- .08¾
Oxalate, bbls.....lb. .37¼- —
Salicylate, NF, dms.....lb. 1.10 - 1.13
Sulphate, nat., 92% min., air-floated, 300 mesh, c.l., works..ton.52.00 - —
l.c.l., works.....ton.54.00 - —
Strontium-calcium sulphide, phosphorescent, dms., works..lb. 2.50 - 2.85
Strophanthin, bots.....oz.30.00 -57.00
Strophanthus seed, Kombe, bgs. lb. 2.65 - 2.70
Styrolyl acetate, bots.....lb. 2.50 - 3.10
Strychnine, NF, cryst., cns., 100 oz..oz. .70 - —
powd., cns., 100 ozs.....oz .60 - —
Acetate, cns., 100 ozs.....oz. .88 - —
Arsenate, cns., 100 ozs.....oz. .91 - —
Arsenite, cns., 100 ozs.....oz. .88 - —
Glycerophosphate, cns., 100 ozs. oz. .89 - —
Hydrochloride, cns., 100 ozs..oz. .88 - —
Hypophosphite, 25-oz. cns., 100 ozs..oz. 1.00 - —
Nitrate, NF, 100 ozs.....oz. .82 - —
Phosphate, NF, 100 ozs.....oz. .89 - —
Sulphate, cryst., cns., 100 ozs. oz. .58 - —
powd., cns., 100 ozs.....oz. .48 - —
Sucrose octa-acetate, denat., bbls., l.c.l., works..lb. .45 - —
tech., bbls., l.c.l., works..lb. .40 - —
Sugar coloring (see Caramel coloring).
Sugar of milk (see Milk sugar).
Sulphadiazin, 100-lb. dms.....lb. 9.00 - - —
Sulphaguanidin, 100-lb. dms...lb. 5.50 - - —
Sulphanilamide, bots.....lb. 1.35 - —
fib. dms.....lb. .90 - 1.00
Sulphapyridin, powd., bots., tins. lb. 5.00 - 5.30
Sulphathiazole, dms., 1,000-lb. lots..lb. 2.50 - —
500-lb. lots.....lb. 2.60 - —
smaller lots.....lb. 2.65 - 2.80
Sesquihydrate, prices same as sulphathiazole.
Sulphonethylmethane, kgs.....lb. 6.75 - 6.85
Sulphonmethane, kgs.....lb. 5.25 - 5.35

Sulphur, crude, c.l., bulk, mines, contracts..long ton.16.00 - —
f.o.b. vessels, Gulf ports, contract..long ton.17.50 - —
flour, comm'l, 99½%, bgs., c.l., works..100 lbs. 1.85 - —
l.c.l., works.....100 lbs. 2.00 - 2.15
precipitated, USP, bbls., kgs., lb. .18 - .30
refined, flour, extra fine, bgs., c.l., works..100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.25 - 3.40
heavy bgs., c.l., works..... 100 lbs. 2.60 - —
l.c.l., works.....100 lbs. 2.95 - 3.10
light, bgs., c.l., works..... 100 lbs. 2.70 - —
l.c.l., works.....100 lbs. 3.05 - 3.20
Refined sulphur in bbls., 35c. higher.
USP, bgs., c.l., works.. 100 lbs. 3.05 - —
l.c.l., works.....100 lbs. 3.40 - 3.55
rock, bbls., c.l., works.100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.55 - 2.70
roll, bbls., c.l., works..100 lbs. 2.40 - —
l.c.l., works.....100 lbs. 2.75 - 2.90
Chloride, 55-gal. dms., c.l., works..lb. .03 - .03½
l.c.l., works.....lb. .04 - .04½
10-gal. dms., c.l., works...lb. .07 - .07½
l.c.l. .....lb. .08 - .08½
Dioxide, liquid, commil. cyls., works..lb. .07 - .08
multi-unit cars, works..lb. .04¾- .06
tanks, works.....lb. .04 - —
refrigeration, cyls., works, lb. .18 - .21
multi-unit cars, works..lb. .04¼- .06
Iodide, bots., jars.....lb. 3.90 - 4.11
Sumac extract, No. 1, bbls....lb. .08 - —
No. 2, bbls.....lb. .07 - —
stainless, bbls.....lb. .09 - .11
Superphosphate,[1] pulverized, run-of-pile, under 22% a.p.a., bulk, production points, Balto..unit-ton. .65 - —
Superphosphate, pulv., run-of-pile, under 22% a.p.a., bulk, prod. points, Florida..... unit-ton. .51 - .54
others .....unit-ton. .57 - .84
Delivery points, Ariz., Calif., Colo., Ida., Kans., Nev., N. M., Ore., Utah, Wash., 88½c. per unit-ton plus frt. charge from Anaconda, Mont., in excess of $8.03 per ton.
Superphosphate,[1] gran., 2c. per unit-ton higher than pulverized; guaranteed 18%, 19% or 20% a.p.a., ½c., per unit-ton higher.
Superphosphate, triple, 40% and more a.p.a., bulk, producing points, Florida..unit-ton. .68 - —
South Carolina..unit-ton. .70 - —
Tennessee .....unit-ton. .75 - —
Other States and D.C., 62c. per unit-ton plus frt. charge for 48% from E. Tampa, Fla.

T

Talc, dom., aluminum-flake type, grd., bgs., c.l., works. ton.14.50 -24.50
l.c.l., works.....ton.16.50 -30.00
Calif., bgs., c.l.,works.ton.17.50 -43.00
fibrous, grd., coarse, off-color, New York, bgs., c.l., works..ton.13.00 - —
fine, New York, 325 mesh, 93-94%, bgs., c.l., works..ton.13.00 -18.00
98 - 99.5%, bgs., c.l., works..ton.15.25 -19.25
99.85-99.95%, bgs., c.l., works..ton.17.00 -21.00
Pennsylvania, bgs., c.l., works..ton.11.00 13.50
l.c.l., works.....ton.12.00 14.50
Vermont, bgs., c.l., works ton.14.00 - —
l.c.l., works.....ton.15.00 - —
Imp., Canada, bgs., c.l.....ton.24.00 -30.00

Tallow,[1,5] edible, tanks.....lb. .09¾- —
inedible, extra, loose.....lb. .08¾- —
special, loose.....lb. .08¼- —
sulphonated, 35% (24% fat), dms., c.l..lb. .05¾- —
50% (43% fat), dms., c.l...lb. .06¾- —
50% (48% fat), dms., c.l...lb. .07¾- —
Tallow, sulphonated, l.c.l., 1c. higher.
Tamarind, bbls.....lb. .14 - .15
Tankage,[1] animal, feed, 9-11% ammon., bulk..unit-ton. 5.53 - —
Chicago .....unit-ton. 5.53 - —
fert. grs., 9% ammon., 10% b.p.l., bulk..unit-ton. 4.00 & .10
10-11% ammon., 15% b.p.l., bulk, Chicago..unit-ton. 4.00 & .10
Tapioca flour,[1,6] Brazil, bgs...lb. .06½- .07¾
Java, bgs.....lb. No stocks
Tar acid oil,[2,6] 15-18%, dms., c.l., works..gal. .26½- .27½
l.c.l.. works.....gal. .28½- .29¾
25%, dms., c.l., works..gal. .30 - .31½
l.c.l., works.....lb. .32 - .33½
Pine, retort, dms., c.l., dlvd. East..gal. .32¾- —
l.c.l., works.....(gal. .29¾- —
tanks, dlvd. East.....gal. .27 - —
Tara, powd.....ton.125.00 - —
Tarragon herb, bgs.....lb. 1.50 - 1.70
Tartar emetic, tech., gran. or powd., bbls., kgs..lb. .47¾- .48
dms. .....lb. .48½- .51
USP, powd., bbls., dms., kgs. lb. .52¾- .56
Terpin hydrate, com'l, bbls., c.l. lb. .75 - .80
l.c.l. .....lb. .25 - .25¼
USP, cryst., bbls., dms..lb. .70 - .75
powd., bbls., dms.....lb. .75 - .80
Terpineol, alpha (see A).
com'l, dms., c.l., South.....lb. .13½- —
l.c.l., South.....lb. .14 - —
tanks, South.....lb. .13 - —
pure, dms.....lb. .35 - .56

for a tough assignment

···CHROME TANNED LEATHER

The tanning of leather for shoes and other essential uses consumes large amounts of Mutual's chromium chemicals. When fresh animal skin is immersed in suitable chrome solutions, diffusion of the solution into each tiny fibre results in the precipitation throughout of insoluble durable chromic oxide. The product thus formed by this intimate combination of chrome and skin fibre is Chrome Leather, a tough, strong, highly serviceable material, outstanding for flexibility and resistance to wear.

Since the inception of chrome tanning Mutual has supplied leading American tanners with bichromates of the highest quality. Chromium chemicals are also used in many other phases of American essential industries and Mutual's technical staff has contributed valuable data concerning their use. Their services are available for consultation and collaboration with companies interested in the uses of chromium chemicals.

BICARBONATE OF POTASH • CHROMIC ACID • BICHROMATE OF SODA

MUTUAL CHEMICAL CO. OF AMERICA — NEW YORK, N.Y. — CHROMIUM CHEMICALS

MUTUAL CHEMICAL COMPANY OF AMERICA

270 MADISON AVENUE — NEW YORK 16, N.Y.

Terpinyl acetate, extra cns., dms..lb. .90 - 1.15
prime, cns., dms.....lb. .75 - 1.05
Terpinglycol ether, dms. (extra), c.l., works..lb. .19½- —
l.c.l., works.....lb. .20 - —
tanks, works.....lb. .19 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms., wks.lb. .08 - .08½
Tetrachlorethylene, N.F., VI, 55-gal. dms., works..lb. .20 - .21½
smaller dms., works.....lb. .23½- .25½
tech. (see Perchloroethylene).
Tetrailin, dms.....lb. .19 - —
Tetrasodium pyrophosphate (see Soda pyrophosphate).
Thallium sulphate, 99%, bots., works..lb.12.50 - —
Theobromine,[1,6] makers, primary distrib., dms., 25-lb. lots..lb. 2.80 - —
smaller lots.....lb. 2.90 - 3.00
Thiamine hydrochloride,[6] bots., dms., 100 grams..kilo.180.00 - —
Thiocarbanilide, dms.....lb. .24 - —
Thiourea, CP, dms.....lb. .55 - .56
Thorium nitrate, cs., works....lb. 2.00 - —
Thyme,[1] California, French type, lbs., f.o.b. Pacific Coast..lb. .86 - .87
Spanish, bls.....lb. .18½- .19
Thymol, cns.....lb. 2.40 - 2.75
Iodide, bots.....lb. 3.88 - 4.19
dms.....lb. 3.40 - 3.80
Tikitiki (see Rice bran).
Timbo root,[2,6] (see Cube root).
Tin chloride,[6] anhydrous.....lb. No stocks
Crystals,[6] bbls., bgs.....lb. No stocks
Metal,[1,6] Straits.....lb. .52 - —
Oxide,[6] bbls.....lb. .55 - —
Tetrachloride,[6] anhyd., dms., works..lb. .31 - .33
Titanium dioxide,[1,5] chalk resistant, bgs., c.l., dlvd..lb. .15 - —
l.c.l., 5 tons one deliv., dlvd..lb. .15¼- —
smaller lots, dlvd.....lb. .15½- .15¾
Titanium dioxide, nonchalking,[1,5] bgs., c.l., dlvd. E..lb. .16½- —
l.c.l., 5 tons one deliv., dlvd..lb. .16¾- —
smaller lots dlvd.....lb. .17 - .17½
plain,[6] bgs., c.l., dlvd.....lb. .14½- —
l.c.l., 5 tons one delivery, dlvd..lb. .14¾- —
smaller lots, dlvd.....lb. .15 - .15¼
Hydride, cns., works.....lb. 7.00 - 8.00
Pigment, barium base,[1,5] bgs., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06 - —
calcium base,[1,5] bgs., c.l., dlvd..lb. .05½- —
l.c.l., dlvd.....lb. .05¾- —
calcium-rutile base,[1,5] bgs., c.l., dlvd..lb. .05½- —
l.c.l., dlvd.....lb. .05¾- —
magnesium base,[1,5] bgs., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06 - —
Titanium dioxide and pigment in bbls.¼c. higher; Pac. cst., ¼c. higher, c.l., dlvd., l.c.l., ex whse.
Tetrachloride, CP, dms., works, 55-gal..lb. .57 - —
smaller pkgs., works...lb. .65 - 1.22
technical, 55-gal. dms., works, lb. .32 - —
smaller pkgs., works....lb. .40 - 1.00
Tolu balsam, cns.....lb. .80 - .82
Toluene (see Toluol).
Toluidin base, distilled, kgs...lb. .96 - —
mixed, dms.....lb. .26 - —
Toluol[6] (toluene), 2° indus., dms., return, works..gal. .33 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .28 - —
West, Minnequa, Colo.gal. .28 - —
1° nitration, dms., return, works..gal. .34½- —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .29½- —
West, Minnequa, Colo.gal. .29½- —
Tonga, 50% bark and vine, bbls.lb. .90 - .95
Tonka beans, Angostura, cks..lb. 2.50 - 2.60
Brazilian, Surinam, cs.....lb. .80 - .85
Totaquine,[1,6] USP XII, 100 ozs., oz. .52 - —
Triacetin, dms., works.....lb. .30 - —
Triamyl borate, dms., works...lb. .33 - —
Triamylamine, dms., c.l., works, lb. .98 - —
l.c.l. .....lb. 1.01 - —
Tributyl citrate, 475-lb. dms...lb. .29 - .31
smaller pkgs.....lb. .34 - .40
Phosphate, dms., l.c.l., dlvd..lb. .47 - —
cns., works.....lb. .51 - —
Tributylamine, dms., c.l., works, lb. .78 - —
l.c.l. .....lb. .81 - —
Trichlorobenzene, dms., c.l., frt. alld..lb. .08 - —
l.c.l., same basis.....lb. .08½- —
tanks .....lb. .07½- —
Trichloroethylene,[6] d m s., c.l., works, Zone 1, frt. alld...lb. .08 - —
Zone 2, same basis.....lb. .08½- —
Zone 3, same basis.....lb. .09 - —
Zone 4, ex whse.....lb. .09 - —

Trichlorethylene l.c.l. prices, ½c. higher. Zones are:—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis., Omaha, K. C., Kan.; (2) Ala., Ark., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D.; (3) Col., Mont. (E), N. M., Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.

Tricresyl phosphate,[6] CP, cns., works..lb. .43½- .54½
dms., c.l., dlvd.....lb. .37½- —
l.c.l., dlvd.....lb. .40½- —
tech., cns., works.....lb. .28½- .45½
dms., c.l., dlvd.....lb. .25 - .31
l.c.l., dlvd.....lb. .25½- .31½
tanks, dlvd.....lb. .24 - .30
Triethanolamine,[6] d m s., c. l., frt. alld. in E..lb. .19½- —
l.c.l., same basis.....lb. .20½- —
tanks, same basis.....lb. .18½- —
Triethyl phosphate, cns.....lb. .46 - —
Triethylamine, dms., works....lb. 1.16 - —
Triethyleneglycol,[6] dms., c.l., frt. alld. in E..lb. .18½- —
l.c.l., same basis.....lb. .19½- —
tanks, same basis.....lb. .17½- —
Trimethylamine, dms., c.l., dlvd., lb. .85 - —
l.c.l., dlvd.....lb. .90 - —
Triphenyl phosphate,[2] bbls....lb. .31 - .32
Tripoli, air-floated, bgs., c.l., works..ton.21.50 - —
double grd., bgs., c.l., works, ton.17.50 - —
once-grd., bgs., c.l., works..ton.16.00 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tuba root,[2,6] (see Derris root).
Tungsten metal, powd.,[2] 99-99.7%, dms., works..lb. 2.60 - 3.40
Oxide, kgs.....lb. No prices
Turmeric root, Aleppey, bgs...lb. .12 - .12½
Madras, bgs.....lb. .12 Nom.
Turpentine, gum, dms.....gal. .86½- .87
sulphate-wood, dms., c.l....gal. .65 - .75
tanks .....gal. .67 - .67
wood, d.d., dms., East.....gal. .65 - .70
tanks .....gal. .60 - —
steam-dist.,[1] ret. dms.....gal. .80 - .83
tanks .....gal. .74 - .75

U

Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium[6] oxide, black bgs....lb. 2.55 - —
yellow, kgs.....lb. 1.65 - —
Urea, dom., 46% N., bgs., c.l., works or ship. pts..ton.75.00 - —
l.c.l., ship. pts.....ton.77.50 -85.00
import. ore, cs.....lb. .12 - —
Fertilizer comp., 42% N., bulk, c.l., works or A. or G. ports, ton.57.40 - —

Urea-ammonia liquor (A and B), free ammonia content, f.o.b. Belle, W. Va., freight equalized with Hopewell, Va..ton.59.00 - —
Fixed ammonia content, f.o.b. Belle, W. Va., freight equalized with Hopewell, Va., NH_3 ton.112.80- —
usual Atla. and Gulf ports, NH_3 ton.116.80- —

C and D prices are $1.20 per ton of nitrogen higher than the A and B respectively for the same destinations.
Uva ursi leaves, bls.....lb. .22 - .23

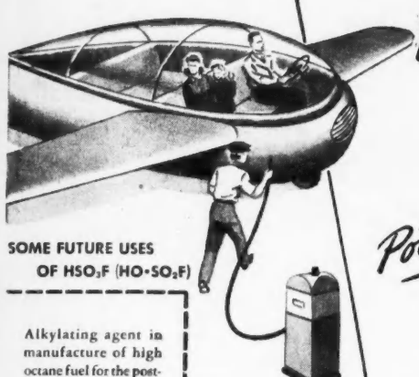
V

Valerian root, NF, bls.....lb. .65 - .70
Valonia, beards, bgs., f.a.s...ton. No prices
Cups, bgs., f.a.s.....ton. No prices
Vanadium pentoxide, CP, bgs., cns., works..lb. 7.00 - —
tech., dms., works.....lb. 1.10 - —
Vanilla beans,[1] Bourbon, tins..lb. 9.00 - 9.50
Mexican, cuts, tins.....lb. 7.50 - 8.00
whole, tins.....lb. 9.00 - 9.50
Tahiti, white label, tins...lb. 3.50 - 3.75
yellow label, tins.....lb. 3.25 - 3.50
West Indian, tins.....lb. No stocks
Vanillin,[1] makers, primary distrib., tins, ex eugenol, 25 lbs. or more..lb. 2.60 - —
smaller lots.....lb. 2.65 - 2.75
ex guaiacol or lignin, tins, 25 lbs. or more..lb. 2.35 - —
smaller lots.....lb. 2.40 - 2.50
Venice turpentine, artif., cns..lb. .24 - .25
Verdigris, bbls., bgs.....lb. .22 - .23
Vinyl acetate,[6] cnys., works...lb. .25 - —
dms., c.l., works.....lb. .15 - —
l.c.l., works.....lb. .16 - —
smaller pkgs., works....lb. .25 - —
Ether, 75 c.c., less 20% and 20%..bot. 1.50 - —
50 c.c., same basis....bot. 1.05 - —
25 c.c., same basis....bot. .65 - —
Vinylpyridin, ret. dms., works.lb. 1.50 - —
Viosterol (irradiated ergosterol), mil. units. .10 - .14
Vitamin A (see Oils, codliver, halibut-liver).
B_1 (see Thiamine hydrochloride).
B_2 (see Riboflavin).
B complex, natural (see Rice bran and Yeast).
C (see Acid, ascorbic).
D (see Oils, codliver, halibut-liver, viosterol).
E (see Alpha tocopherol).
G (see Riboflavin).
P-P (see Acid, nicotinic, and Nicotinamide).
Violet, methyl, toner (see M).
V.M.P. naphtha (see Petroleum, naphtha, v.m.p.).

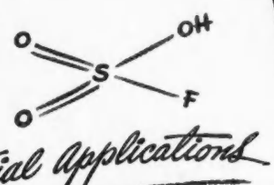
W

Wahoo, root bark, bls.....lb. .45 - .55
Wattlebark, E. Afr., bgs., f.a.s., based on freight $11.70, insurance $1 per ton. Difference for buyers: account..ton.50.00 - —
Wattlebark, So. Afr., bgs., f.a.s., based on freight $11.70, insurance $1 per ton. Differences for buyers' account..per ton.50.00 -55.00
Wattlebark, extract liquid, 35% tannin bbls., works..lb. .05 - .06
tanks .....lb. .0450- .05
solid, So. Afr., 62% tannin, ex dock..lb. .0533- .0560
E. Afr., 61% tannin, ex dock, lb. .05225- .05475
Wax, amorphous, 160°-165° m.p., amber, ctns., 30 tons yearly, contract, group 3, works.lb. .14½- —
smaller lots.....lb. .14½- .15¼
black, ctns., 30 tons, same basis..lb. .12¾- —
smaller lots.....lb. .13 - .13¾
white, ctns., 30 tons, same basis..lb. .24¾- —
smaller lots.....lb. .25 - .25¾
180°-185° m.p., amber, ctns., 30 tons, same basis..lb. .16¼- —
smaller lots.....lb. .16¾- .17¼
black, ctns., 30 tons, same basis..lb. .14¾- —
smaller lots.....lb. .15 - .15¾
white, ctns., 30 tons, same basis..lb. .28¾- —
Bayberry, bgs.....lb. No stocks
Bees,[1] bleached, USP, white, bricks, bgs., ton..lb. .58 - —
discs or cakes, bgs., ton, lb. .60 - —
ctns., ton.....lb. .58½- .60½
slabs, bgs., ton.....lb. .52½- —
yellow, crude, African, bgs., ton..lb. .37½- —
Cent. or So. Amer., sun-bleachable, bgs., ton..lb. .44¾- —
unbleachable, bgs., ton, lb. .41½- —
ref'd, USP, bricks, bgs., ton, lb. .53½- —
disc., bgs., tons.....lb. .55½- —
ctns., ton.....lb. .56½- .58½
rounds or squares, bgs., ton..lb. .57½- —
ctns., ton.....lb. .61 - .63
slabs, bgs., ton.....lb. .57 - —
Candelilla,[1] crude, bgs., ton..lb. .34½- —
smaller lots.....lb. .35½- .44½
Candelilla, powdered, 20 mesh, 5c. per lb. extra; 80 mesh, 5½c.; 100-200 mesh, 6c.

Here's A NEW CHEMICAL TOOL BY GENERAL···



FLUOSULFONIC ACID



Potential Industrial Applications

In preparation of Sulfamido Acids · Boron Trifluoride Aromatic Sulfonyl Fluorides · Sulfuryl Fluoride · Alkyl Fluosulfonates · Acyl Fluorides · Aryl Fluosulfonates Other Alkyl Reactions.

Physical Properties

Mobile, nearly colorless liquid which fumes in damp air.
Boils at 330° F. (165.5°C.) under 760 mm Hg pressure.
Freezes at −125° F. (−87.3 C.)
Specific Gravity: 1.743 at 60° F. (15.6°C.)
Vapor pressure: 3 mm Hg at 80° F. (26.7° C.)
Specific Electrical Resistance: 205 ohms per cubic cm at 86° F. (30° C.)
Viscosity: 1.7 centipoises at 68° F. (20° C.)
Heat of Formation from SO_3 (l) and HF (g): 25 kilocalories per mole.
Most salts soluble in water.

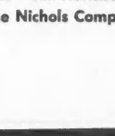
SOME FUTURE USES OF HSO_3F ($HO{\cdot}SO_2F$)

Alkylating agent in manufacture of high octane fuel for the post-war "plane-mobile."

Reagent in the production of synthetic polymers with dielectric properties.

In manufacture of dye intermediates.

In producing high pressure lubricants, cutting oils, etc.



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Fluorides

Acid Hydrofluoric, Anhydrous
Acid Hydrofluoric, Aqueous
Aluminum Fluoride, Crystal
Ammonium Bifluoride
Ammonium Fluoride
Barium Fluoride
Boron Trifluoride
Chromium Fluoride
Cupric Fluoride
Fluoride Fluxes
Lead Fluoride
Lithium Fluoride
Magnesium Fluoride
Nickel Fluoride
Polyacid Fluorides (e.g. KF. x HF)
Potassium Fluoride, Anhydrous
Potassium Fluoride, Crystal
Sodium Bifluoride
Sodium Fluoride
Strontium Fluoride

Fluoborates

Acid Fluoboric
Ammonium Fluoborate
Cadmium Fluoborate
Chromium Fluoborate
Copper Fluoborate
Ferrous Fluoborate
Indium Fluoborate
Lead Fluoborate
Nickel Fluoborate
Potassium Fluoborate
Silver Fluoborate
Sodium Fluoborate
Stannous Fluoborate
Zinc Fluoborate

Fluosulfonates

Acid Fluosulfonic

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Pacific Coast Technical Service Offices:
Los Angeles · San Francisco · Seattle, Wenatchee and Yakima (Wash.)

In Canada: The Nichols Company, Limited · Montreal · Toronto · Vancouver

Wax, candelilla, refined, bgs., ton..lb. .44 - —
smaller lots.....lb. .45 - .54
extra-bolted, bgs., c.l..ton.22.00 -26.00
l.c.l. .....ton.23.00 -27.00
Paris white, bgs., c.l..ton.24.00 -28.00
Carnauba,[1] chalky, No. 3, bgs., ton. .71¼- —
smaller lots.....lb. .72¼- .81¼
North Country No. 2, bgs., ton. .75¾- —
smaller lots.....lb. .76¾- .85¾
No. 3, bgs., ton.....lb. .73½- —
smaller lots.....lb. .74½- .83½
refined, bgs., ton.....lb. .76¾- .80
smaller lots.....lb. .77¾- .90
yellow, No. 1, bgs., ton....lb. .83¼- —
smaller lots.....lb. .84¼- .93¼
No. 2, bgs., ton.....lb. .81¼- —
smaller lots.....lb. .82¼- .91¼
No. 3, bgs., ton.....lb. .79 - —
smaller lots.....lb. .80 - .89
carnauba wax, powdered (same differentials as candelilla).
Ceresin, dom., 138°-140° m.p., bgs., ton..lb. .13½- .14
jobbing lots.....lb. .14½- .15
150°-160° m.p., bgs., 1 ton, lb. .15½- .16
jobbing lots.....lb. .16½- .17
160°-170° m.p., bgs., 1 ton, lb. .16½- .17
jobbing lots.....lb. .17½- .18
Japan, cs.....lb. No stocks
Montan, bgs.....lb. No stocks
Ouricury,[1] bgs., ton.....lb. .45½- .51¾
smaller lots.....lb. .50½- .61¾
Ouricury,[1] bgs., ton.....lb. .49½- .61¾
refined, bgs., ton.....lb. .62 - —
smaller lots.....lb. .63 - .72
powdered ouricury prices same as candelilla.
Paraffin (see under P).
Spermaceti, blocks, cs.....lb. .26 - .27
cakes, cs.....lb. .27 - .28
White lead (see Lead, white).
White pine bark, rossed, bls..lb. .15 - .16
White precipitate,[2] powd., dms., 40 lbs. or more..lb. 1.98 - —
Whiting, chalk, dry-grd., bgs., c.l..ton.18.00 -22.00
l.c.l. .....ton.20.00 -24.00
wet-ground, bgs., c.l.....ton.21.00 -25.00
l.c.l. .....ton.25.00 -29.00
gliders, bolted, bgs., c.l.ton.20.00 -24.00
l.c.l. .....ton.21.00 -25.00
extra-bolted, bgs., c.l..ton.22.00 -26.00
l.c.l. .....ton.23.00 -27.00
Paris white, bgs., c.l., ton.24.00 -28.00
l.c.l. .....ton.25.00 -29.00
limestone, dry-grd., 325 mesh, bgs., 40 tons, N. E., works. ton. 6.00 - —
smaller lots, N.E., wks. ton. 7.00 - 9.00
wet-grd., air-floated, 300 mesh, 99¼%, bgs., c.l..ton. 9.35 -10.10
200 mesh, bgs., c.l.....ton. 8.60 - 9.50
90%, bgs., c.l.....ton. 6.25 - 7.00
water-floated, extra gilders, bgs., c.l..ton.13.00 - —
gilders, bgs., c.l.....ton.12.45 - —
putty grade, bgs., c.l..ton.12.00 - —
Precipitated, bgs., c.l.....ton.14.00 -15.00
l.c.l. .....ton.18.00 -20.00
Wild cherry bark, thick, bls..lb. .06 - .07
thin, bls.....lb. .18 - .19
rossed, green, bls.....lb. .23 - .24
Wild indigo root, bls.....lb. .18 - .19
Witch-hazel extract, dist., NF, bbls..gal. .70 - .75
Leaves, bls.....lb. .10 - .12
Witherite (see Barium carbonate, natural).
Woodflour, 40 mesh, bulk, c.l., N. Tonawanda, N.Y..ton.20.00 - —
60 mesh, same basis.....ton.24.00 - —
80 mesh, same basis.....ton.27.00 - —
100 mesh, same basis.....ton.30.00 -32.00
Woodflour, in bags, 25c. each extra, returnable.
Wormseed, American, bgs.....lb. .20 - .23
Levant .....lb. 6.50 - —
Wormwood, bls.....lb. .50 Nom.

X

Xylene (see Xylol).
Xylol[2] (xylene), indus., dms, return., works..gal. .32 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .27 - —
West, Minnequa, Col....gal. .27 - —
10°, dms., return, works....gal. .35 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .30 - —
5°, dms., return, works....gal. .42 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .37 - —
3°, dms, return, works....gal. .47 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .42 - —
Xylol petroleum solvent, ret. dms., Nc., N. J.....gal. .26 - —
Xylidin, mixed, dms.....lb. .35 - .36

Y

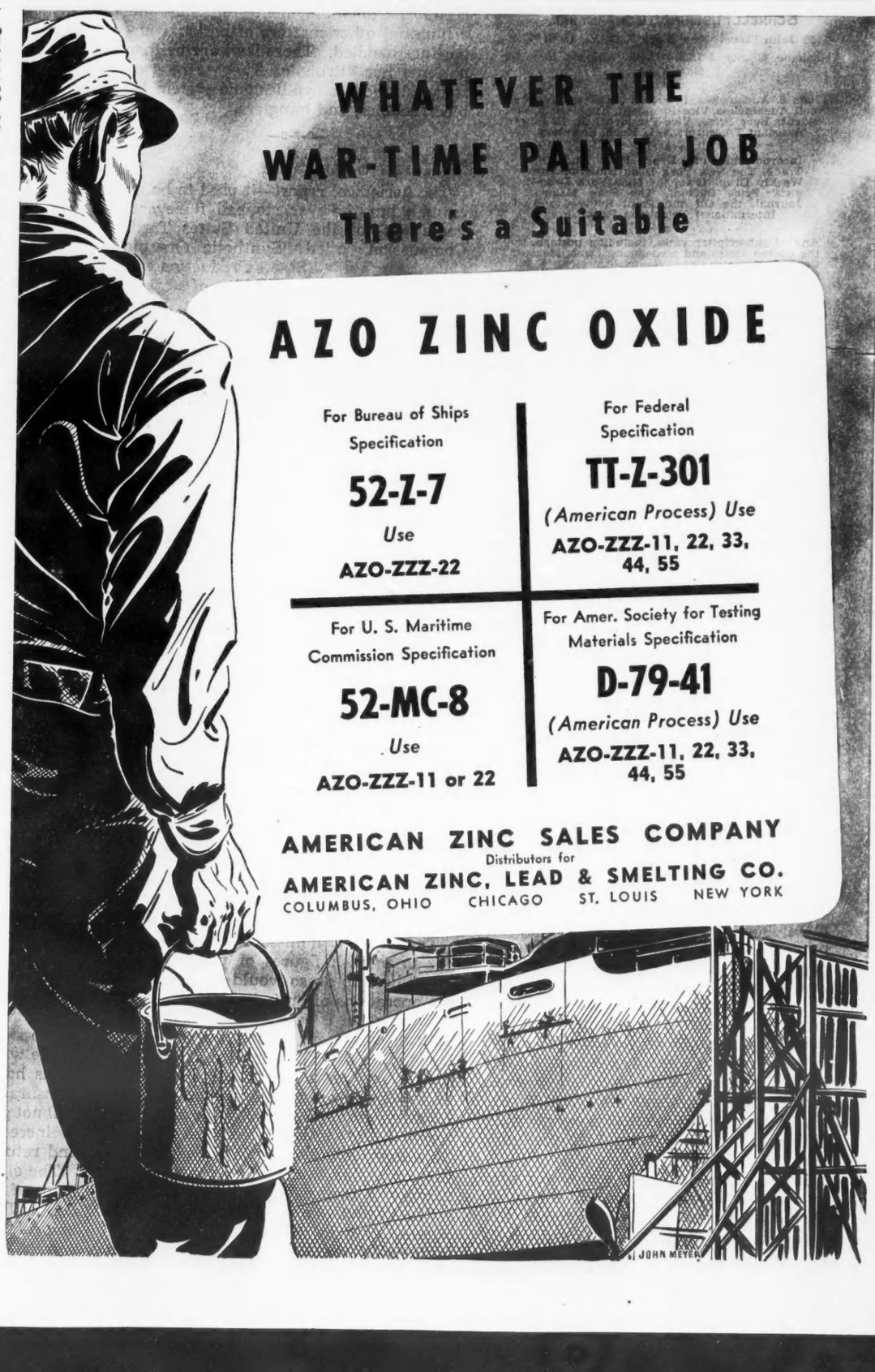
Yara yara, cryst., bots., cns...lb. 1.75 - 2.20
Yeast, brewer's, dry, 50 B units, dms..lb. .35 - —
90 B units, dms.....lb. .45 - —
200 B units, dms.....lb. .50 - —
300 B units, dms.....lb. .60 - —
Yellow, benzidin, bbls., dlvd...lb. 1.35 - 2.25
Cadmium, CP, import, bxs...lb. 1.35 - 1.40
Chrome CP, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. R., includ. Leavenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts. lb. .16 - —
Chrome yellow prices are ¼c. higher, dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, 1¼c.; Ft. Worth, 1½c.; El Paso, 2c.). Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c., higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Dutch, pink, bbls.....lb. .06 - .11
Hansa, bbls., same basis as chrome..lb. 1.37 - —
primrose, bbls., same basis.lb. 1.75 - —
Lithopone, bbls., ton lots, E. of Rockies..lb. .55 - —
smaller lots, same basis..lb. .65 - —
Sulphide, orange, cs., kgs., works..lb. 1.10 Nom.
Mercury oxide, bbls., 1,000 lbs. lb. 1.83 - —
smaller lots.....lb. 1.85 - —
Ocher, American, golden, bbls., works..lb. .04½- .06¼
yellow, bbls., works....lb. .02 - .02¾
French type, bbls., c.l....lb. .0345- —
l.c.l. .....lb. .0365- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, Pa...lb. .04½- —
l.c.l. same basis.....lb. .05 - —
Yellow oxide, synth., bbls., c.l., works..lb. .07 - —
l.c.l., works.....lb. .071 - —
Persian orange (see O).
Zinc,[6] bbls., same basis as chrome..lb. .15 - —
Navy spec. type, bbls., contracts..lb. .15 - —
Yellow dock root, bls.....lb. .38 - .40
Yellow xanthorrhiza.....lb. .25 - .30
Yerba santa leaves, bls.....lb. .24 - .26
Yohimbine hydrochloride, vis..oz. 3.00 - 5.75

Z

Zein, bgs., 1,000 lbs., works..lb. .25 - —
smaller lots, works.....lb. .30 - —
Zinc acetate, tech., bbls., dlvd.lb. .16 - .17
USP, bbls., 250 lbs.....lb. .26 - .27
kgs., 100 lbs.....lb. .29 - —
Arsenite,[1] bgs., c.l., frt. alld. E. of Rockies..lb. .11¾- .13¼
l.c.l., same basis.....lb. .12¾- .13¾
Borate, bgs., c.l.....lb. .12 - —
l.c.l. .....lb. .12½- —
Carbonate, tech., bbls.....lb. .14 - .20
USP, precip., powd., bbls..lb. .35 - —
dms. .....lb. .40 - —
kgs. .....lb. .37 - —
Chloride, tech., fused, dms., c.l., works..100 lbs. 5.00 - —
l.c.l., works.....100 lbs. 5.35 - —
gran., dms., c.l., works..... 100 lbs. 5.75 - —
l.c.l., works.....100 lbs. 6.50 - —
USP, dms.....lb. .30 - .31
jars .....lb. .35 - .36
solution, 50%, dms., c.l., works lb. .0315- —
l.c.l., works.....lb. .04¼- .04½
tanks, works.....lb. .0250- —
Chromate (see Yellow, Zinc).
Cyanide, kgs., works.....lb. .33 - .37
Dust,[6] bbls., c.l., dlvd.....lb. .1035- —
l.c.l., works.....lb. .1135- —
Fluoride, bbls.....lb. .25 - .30
Iodide, NF, bots.....lb. 4.54 - —
jars .....lb. 4.40 - —
Metal,[1,6,8] (quotations in Paint Market report).
Naphthenate, 8%-10% Zn, 50-gal. dms..lb. .16 - .19¼
Laurate, bbls.....lb. .32 - .33
Oxide, pigment, dom., acicular,[6] bgs., c.l., dlvd..lb. .07¼- —
l.c.l., dlvd.....lb. .07¾- —
American process, com'l, lead free,[6] bgs., c.l., dlvd. lb. .07¼- —
Zinc oxide, pigment, dom., Amer., process, com'l, lead free, bgs., l.c.l., dlvd..lb. .07½- —
leaded, 5%, bgs., c.l., dlvd. lb. .07¼- —
l.c.l., dlvd.....lb. .07⅝- —
35% or more, bgs., c.l., dlvd..lb. .07 - —
l.c.l., dlvd.....lb. .07¼- —
French process, com'l, lead free,[6] bgs., c.l., dlvd...lb. .07¼- —
l.c.l., dlvd.....lb. .07½- —
green seal, bgs., c.l., dlvd., lb. .09 - —
l.c.l., dlvd.....lb. .09¼- —
red seal, bgs., c.l., dlvd.lb. .08½- —
l.c.l., dlvd.....lb. .08¾- —
white seal, bgs., c.l., dlvd. lb. .09½- —
l.c.l., dlvd.....lb. .09¾- —
USP,[6] 50-lb. cans, c.....lb. .10½- —
l.c.l. .....lb. .10¾- —
Zinc oxide in bbls., ¼c. higher; Pac. cst., c.l., dlvd., and l.c.l. ex whse., ½c. higher.
Resinate, 8.7% Zn, 100-lb. dms. lb. .14½- —
fused, pale, bbls.....lb. .11 - .12
precipitated, dms., dlvd....lb. .15 - —
Silicofluoride, bbls.....lb. .15 - .18
Stearate, tech., cans., c.l., frt. equald..lb. .29 - —
ton lots, frt. equald...lb. .30 - —
smaller lots, frt. equald.lb. .31 - —
USP (same prices as tech.).
Sulphate, cryst., bgs., c.l..... 100 lbs. 3.60 - —
l.c.l. .....100 lbs. 4.35 - —
flake, bgs., c.l.....100 lbs. 4.10 - —
l.c.l. .....100 lbs. 4.85 - —
powd., bgs., c.l.....100 lbs. 5.80 - —
l.c.l. .....100 lbs. 6.55 - —
Zinc sulphate in bbls., 25c. higher.
Sulphide,[1,6] pure, bgs., c.l., dlvd..lb. .08¼- —
l.c.l., dlvd.....lb. .08½- —
bbls., c.l., dlvd.....lb. .08½- —
l.c.l., dlvd.....lb. .08¾- —
Zinc sulphide, barium pigment, bgs., c.l., dlvd..lb. .0560- —
l.c.l., dlvd.....lb. .0585- —
calcium pigment, bgs., c.l., dlvd..lb. .0560- —
l.c.l., dlvd.....lb. .0585- —
fluorescent, pigment, works, frt. alld..lb. .90 - 1.00
magnesium pigment, bgs., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06 - —
Zinc sulphide on Pac. cst. ¼c. higher for pure, ½c. for others.
Sulphocarbolate, NF, bbls., dms., lb. .28 - .31
Tallate, 5% Zn, 50-gal. dms.lb. .09¾- —
Yellow (see Yellow, zinc).
Zinc-ammonia chloride, dms., c.l., works..100 lbs. 5.65 - —
l.c.l., works.....100 lbs. 6.70 - —
Zinc-cadmium sulphide, fluorescent, works, frt. alld..lb. 2.50 - 2.85
Zinc-iron oxide pigment, bgs., c.l., dlvd..lb. .06 - —
l.c.l., dlvd. E. of Rockies. lb. .06¼- —
dlvd. Pac. cst.....lb. .06½- —
Zirconium hydride, cns., works. lb. 7.00 - 8.00
Nitrate, kgs., works.....lb. 3.00 - 4.00
Oxide, crude, 70-75%, grd., bbls., works..ton.75.00 -100.00
white, 98%, grd., kgs., works. lb. 1.80 - 2.00
ex whse., Pac. cst....lb. .07 - —

Synthetic Resins

The customary monthly listing of prices for synthetic resins and other branded paint materials was printed in OPD for August 7.



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Oil, Paint and Drug Reporter

Founded October 18, 1871, by
William O. Allison
Directed, 1900-1942, by Harry J. Schnell

Published every Monday in New York by

SCHNELL PUBLISHING COMPANY, INC.

59 John Street, New York 7, N. Y., U. S. A.

Telephone REctor 2-9820. Cable Address Reporter, New York.

William S. Auchincloss, President and Treasurer; Jean Schnell Auchincloss, Vice-President; Hugh Craig, Vice-President; Burr Price, Vice-President; M. B. Powers, Assistant Treasurer; A. L. Koch, Secretary.

Incorporating the Drug, Paint and Oil Trade, The New York Drug Bulletin, The Weekly Drug News, the New York Druggists' Price Current, The Soap Makers Journal, the Oil and Paint Review, and International Petroleum Reporter.

Annual subscription rates, including postage, in the United States and possessions, Cuba, Mexico, Central America and South America, $5.00; Canada and Newfoundland, $7; other countries, $10.00; single copies, 25 cents each.

Member of Audit Bureau of Circulations.

Entered at the Post Office at New York as second-class matter January 15, 1884, under the act of March 3, 1879.

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Vol. 146 August 28, 1944 Number 9

Everybody's Doing It

Much noise is made in many circles about the unthis and unthat motive of the representative of labor on the War Labor Board, because he declared that he was there to serve labor. Labor is an essential element of the economic body. It is an important part of a more important whole. He who would best serve any part of that whole will best do so by working for the good of the whole.

It is not unusual that the labor member of the labor board puts his element before and above the national composite. To do so is the custom of the country and the practice of the times. Otherwise there would be no blocs in Congress; no bureaucrats advocating a 10-percent crop reduction, so that the agricultural element may collect more per unit for fewer units, rather than follow the proven producer of business good in volume, in value, and in will — the selling of three times as many goods at one-half the margin of profit. Were syndicalism not today's popular substitute for democracy, the leading senator from Alabama would not be urging cotton producers to hold their crops off the market until the price had been pushed up $6 or $8 above the loan value. If national altruism were the guiding spirit, there would be no embuttered farmers moaning about the 2,000,000 surplus cows when twice that many growing children are not getting half the milk they should have.

It is time that realism got a bigger part in everybody's point of view. Surely it should long ago have been learned that I am not going to let you do all the self-advancing and that, if you don't give me a hand over the hard places, I'll shove you off the brink if I get a chance.

It is unfortunate that the objectives of labor must be different from those of management and that the latter in turn must fall short of full harmony with those of ownership. It is more unfortunate that the objectives of the producing composite of ownership, management, and labor must be different from those of the consuming composite of exactly the same human beings. But, these being different, it is naive to expect the representative of any one of the elements or of either of the composites to approach even a most obviously mutual problem with an altruistic motive. It just isn't done. It should be done, however, but the furtherance of its doing is not to be found in damning the collaborator who is frank enough to declare where he stands, while all around are thousands doing as he does, but not proclaiming it. And if you want to get down to fundamentals, look at the laws under which labor troubles, parity prices, crop loans, unemployment premiums, and a hundred other matters of national import are handled. Those laws are neither national nor altruistic. They were constructed under a syndicalistic system by blocs, lobbies, and bunglers.

—O-P-D—

X Marks Something

The periodical report—it used to be an annual, but the war stopped it several years ago—of the United States Tariff Commission, titled "Synthetic Organic Chemicals: United States Production and Sales," is a useful compilation of statistical information. One of its most useful features is the information on who makes this, that, and the other one of the hundreds of synthetic organic chemicals which it lists. The identification of producers is made by means of numbers related to an alphabetical list of manufacturers. Some items are indexed by one such number; some have a dozen and more. And every here and there in connection with a listing there is an X in the column of producers' indicators: sometimes it stands alone; sometimes it has one or more fellows with it; sometimes the one X or the several follow a list of identification numbers.

According to a note prefacing the several tabulations, "an X signifies that the manufacturer did not consent to the publication of his identification number with the designated product." There are good reasons why a manufacturer should prefer thus to remain incognito. But, if his production of the material has a purpose of its sale, it is difficult to understand why he cloaks himself in anonymity; far more persons constantly desire to know who is a source for a given material than seek information on how much of it is made or sold. The volume of its trade is of secondary consideration to the prospective user who does not know where to get such material.

The Tariff Commission is very careful not to publish figures of production or sale where to do so would be to disclose the operations of an individual producer. This omission is easily understood in the light of customary competitive practices. It could be that the adoption of the neutral X also results from a desire not to be known as a competitor, which is sufficiently strong to lead a producer to forgo being identified as a supplier. This, however, does not hold good where the only indicator accompanying the name of a material is an X.

The commission follows a straight and narrow path in its respect for a manufacturers' desire to be unknown. Its policy is free from all trace of bureaucracy. It even declines confidentially to apprise Manufacturer X that Inquirer Q is looking for a source of supply of, say, phenylbetanaphthylnitrosamine, or propenylmethylanethol, or bismethylbenzylidin, or any other of the scores of materials which are branded only with an X in its published record. All of which leaves unanswered the question of why a man who wants to buy some tribromo-tertiary-butyl alcohol cannot locate a source.

—O-P-D—

Supply Sources Listed

The number and the variety and the succession of chemicals and related materials provided for use in industrial processes being what they are, it is not humanly possible to reach 100 percent of completeness in any cataloging of these materials. Furthermore, there is no economic justification for such a bulky, unwieldy list as that catalog would be, the majority of the articles being without industrial or commercial interest.

It is not 100 percent complete, but the Green Book, that handy little compilation of sources of supplies of chemicals, drugs, and oils, adjuncts and accessories and so on, is serviceable to a high degree. It has guided a million inquirers in the thirty-two years of its existence. It has made hundreds of thousands of sales for those whose names are listed in it.

The Green Book is an alphabetical list of chemicals and related materials, and so on, which identifies for each item listed one or more sources of supply. The 1944-45 issue, just off the press and out of the bindery, lists more than 5,000 materials and additional hundreds of articles of equipment and supply, types of services, and other useful information. In format it adheres to the convenient pigeonhole style of its predecessors. It falls several scores of pages short of last year's total by reason of the fact that its listings, although more numerous, have been shortened by omitting addresses under the individual items, giving these in an appended alphabetical list of the sources named in connection with the individual materials.

The shortening was necessary to meet the restrictions imposed by the wartime curtailment of supplies of printpaper. For the same reason, although every paid-up subscriber for *OPD* will get a copy of the new Green Book, there will be none for anybody else.

—O-P-D—

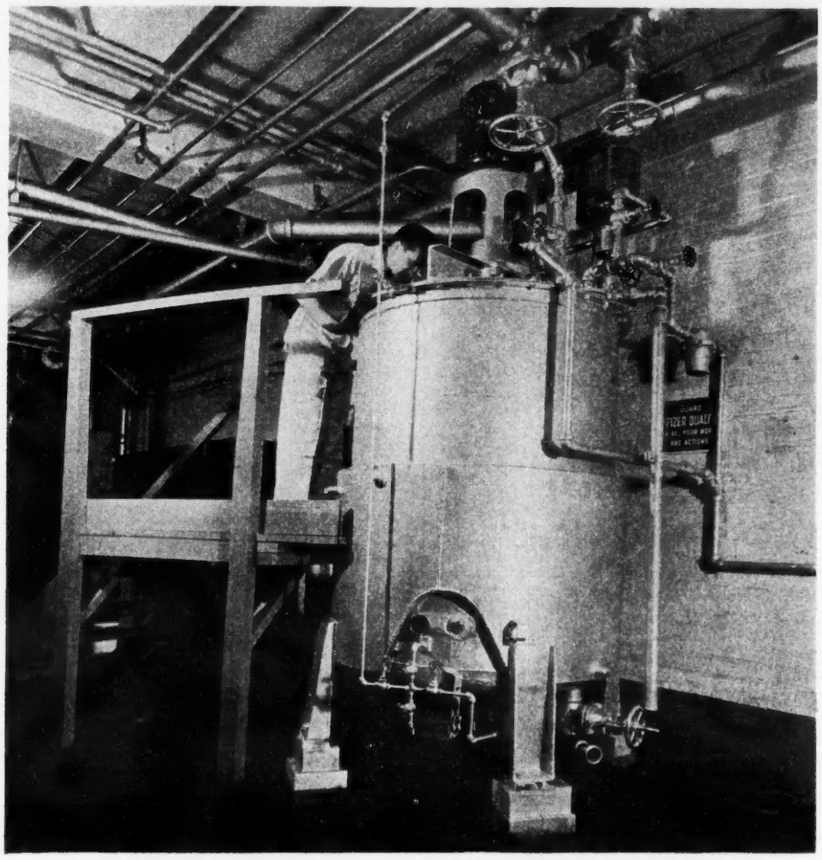
Prosecution and Defense

Determination of the government's antitrust law case against a number of Western railroads is a matter of factual merits. This is not the place to try it. But, this is the place again to declare that plaguing business with litigation in the midst of its war efforts is not a manifestation of that cooperation for which government pleads.

The governmental agency which picks such an inappropriate time to bring into court business peccancies of long standing is not, of course, one of those which contemporarily are calling upon business for all possible assistance in the prosecution of the war. The war services of the railroads have been and are of merit commensurate with their magnitude, and they will not grow less in the approaching days of increased handling of wounded men and returning veterans.

The clash of the policies of the Department of Justice and the pleas of the Office of Defense Transportation is a new and undesirable conflict of prosecution and defense.

PENICILLIN PFIZER



Early in the investigation of the manufacture of PENICILLIN in the PFIZER laboratories it became evident that it was highly desirable that methods for its production by submerged growth of the mold be developed if the drug was to be produced on the scale visualized. Accordingly this was one of the problems on which laboratory research was concentrated, with the result that a satisfactory laboratory process was developed, aided however in no small measure by the development of an efficient strain of Penicillium notatum for submerged growth at the Northern Regional Research Laboratories of the U. S. Department of Agriculture.

Before plans could be drawn up for full-scale production, it was necessary to translate laboratory results to large-scale production and to solve the problems involved in the increase in unit size. Accordingly a unit for submerged growth of the mold was incorporated in the pilot plant. However, in order to insure production of the vitally needed drug and since it was not yet certain that submerged growth was possible on a large scale, units for surface culture of the mold were also included.

After some discouragements and failures, a satisfactory procedure for the large-scale submerged growth of the mold was evolved, meanwhile, drafting of plans for large-scale production was begun. This proved to be no simple matter since, as additional results were obtained in the laboratory and pilot plant, a more or less continual revamping of these plans was necessary.

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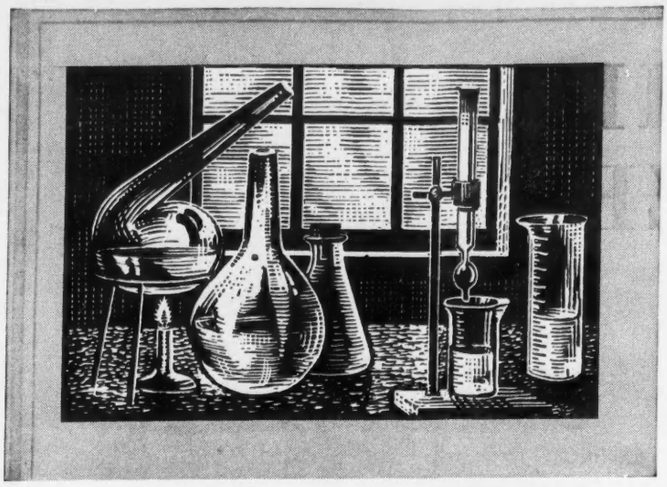

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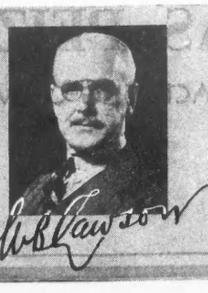

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Heavy Chemicals

Overall buying conditions did not improve to any appreciable degree last week. There were so many instances of essential requirements being covered that cutbacks for ordinary industrial or civilian uses were more than occasionally reported. The laundry trade has been unable to get any high test calcium hypochlorite all month while sugar refineries had to be satisfied with 80 percent of the amount desired. Stocks of this chemical were reported at the lowest point for any time so far this year. Demands of the government for bleaching powder tightened that market. Machine bleach felt the full impact of government buying and civilians had to shift to chamber bleach thereby tightening that market supply condition appreciably. Production of anhydrous soda metasilicate was suspended over a large part of the month and consumers were required to get along with reduced shipments. Some 700,000 pounds of carbon tetrachloride have been turned loose during the month to ease the requirements of dry cleaners. Loss of production in metallic soda has brought available material to the lowest level since it has been under allocation. This condition was directly felt in the manufacture of indigo dyes, soda cyanide and other essential civilian uses. The fluorides have not improved their supply position. Demand has practically run away with output leaving some producers considerably behind contract schedules. The call for sulphuric acid has gained heavily on production. No improvement could be noted in the available supply of oxalic acid, the potash chemicals, soda ash and soda caustic.

Chemical corporations recorded by the Department of Commerce paid dividends in the first seven months of 1944 amounting to $128,000,000. This compares with $119,300,000 distributed in the corresponding period in 1943.

Paper production as a percentage of six-day capacity was 91.3 in the week ended Aug. 19, according to the American Paper & Pulp Association. This compares with 93.0 in the previous week and 90.9 percent a year ago.

Aluminum.—Activity in the aluminum industry showed very moderate overall change from April to May, according to information released by WPB. Production of aluminum metal in May amounted to 212,800,000 pounds against 216,500,000 pounds in April. Total May shipments of aluminum products rose slightly to 221,000,000 pounds.

Ammonia Silicofluoride.—More of this material has been routed to the mothproofing and laundry trades. The aluminum and magnesium casting industries have drawn heavily throughout the month. There was a tendency in some instances to buy in excess of monthly requirements which caused allocations to fall short of requests.

Antimony.—WPB on August 19, 1944, restored governmental control over antimony by amending the general imports order M-63. WPB had announced on August 17, that import controls had been removed from antimony and 50 other commodities. Officials said that antimony had been inadvertently included in this list. Therefore M-63 was amended to restore antimony to the order.

Beryllium.—Allocation control over beryllium, except beryllium copper was removed by WPB on August 19, 1944. Beryllium ore is imported from India, Brazil, Argentina and Australia and processed in the U. S. The relaxation of GPO-M-160 will not result in any undue increase in beryllium consumption, officials said, since this material is used in the production of end products that are controlled by the controlled materials plan or other government regulations.

Carbon Tetrachloride.—Supply was adequate to take care of essential August wants, WPB reported. Approximately 700,000 pounds were released for dry cleaning purposes through the office of civilian requirements.

Dichlorodifluoromethane.—WPB order M-28 has been further amended to change the terminal date of the period of restricted deliveries of type 12 of this gas to September 30. The latest amendment also makes mandatory the

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

General Chemicals

Last week.	Prev. week.	Last month.	Last year.
169.0	169.0	169.0	170.6

Acids

Last week.	Prev. week.	Last month.	Last year.
116.0	116.0	116.0	116.0

Barium Chemicals Production: 1941-43

Production of barium chemicals in the United States in 1941-43, in short tons, as compiled by the Bureau of Mines ,follows:—

	Plants	Produced short tons	Used by producers in other barium chemicals[1]	Sold by producers[1] [2] short tons	Value
Barium chemicals—					
Carbonate (synthetic)—					
1941	5	21,857	5,297	16,298	$724,977
1942	7	26,024	10,544	14,905	830,034
1943	5	29,082	15,287	13,979	753,832
Chloride (100% basis)—					
1941	3	13,873	994	12,789	1,038,322
1942	3	13,439	1,722	11,497	913,290
1943	3	15,379	5,111	10,545	942,399
Dioxide—					
1941	2	[3].....	[3].....	[3].....	[3].....
1942	2	[3].....	[3].....	[3].....	[3].....
1943	3	4,123	262	3,915	884,676
Hydroxide—					
1941	4	1,695	755	1,027	119,062
1942	3	2,327	66	2,335	267,572
1943	4	2,761	54	2,715	281,138
Nitrate—					
1941	3	491	.....	432	72,589
1942	5	11,547	000	10,889	2,136,040
1943	5	12,157	.....	12,324	2,376,631
Oxide—					
1941	2	[3].....	[3].....	[3].....	[3].....
1942	3	3,922	3,543	155	30,752
1943	3	5,189	4,998	170	37,925
Sulphate (synthetic)—					
1941	6	22,420	12,832	10,808	638,272
1942	4	19,716	13,113	6,426	416,183
1943	5	20,897	9,907	11,458	757,527
Sulphide—					
1941	3	31,406	31,488	.....	.....
1942	4	39,802	39,781	18	667
1943	3	35,420	35,266	.....	.....
Other barium chemicals—					
1941	[4]..	22,337	4,782	19,729	2,219,767
1942	[4]..	21,618	443	18,234	2,399,157
1943	[4]..	17,939	.....	17,939	2,058,730
Total barium chemicals—					
1941	[5]11	114,079	56,068	61,083	4,812,939
1942	[5]13	138,395	69,812	64,459	6,993,695
1943	[5]13	142,947	70,885	73,040	8,092,658

[1] Sales by one producer to another are included under "Used" if the purchased material was used by the purchaser in the year reported.
[2] Does not include purchased material.
[3] Included under "Other barium chemicals."
[4] Plants included in figures above.
[5] A plant producing more than one product is counted but once in arriving at grand totals.

For Current prices see alphabetical listing beginning on page 9.

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Magnesia. — Production of primary magnesium metal in May declined to 34,308,000 pounds or 9.4 percent below the previous month and 18 percent less than the production peak reached in January, according to WPB. The decrease was in line with the recent government ordered curtailment in magnesium metal output. April production was 37,846,000 pounds.

Potash Caustic. — Maintenance of heavy miscellaneous demand has continued to pinch production and the available supply situation has grown definitely tight. In some instances, deliveries are behind contract schedules. Potash carbonate is in a similar condition.

Soda Ash.—Demand remained broad with material moving out as rapidly as produced. The glass industry continued to call for unusualy heavy deliveries. There was no indication of easement in buying conditions and the market retained the same tight position formerly noted.

Soda Caustic.—Not enough material to meet industrial requirements in full although essential wants have been covered. Production reported running around peak level but insufficient to improve buying conditions. Reports of short shipped orders were again heard.

Tin.—WPB announced on August 21, 1944, that because the bulk of Summer crop yield is packed during the peak second and third calendar quarters, tinplate production scheduled for the fourth quarter of 1944 will be 125,000 tons smaller than the third quarter output. About 750,000 tons of tin mill products are scheduled for production in the last three months of this year. Amendment of WPB order M-43 sets up new provisions with respect to the use of tin in the manufacture of solders and babbitt metal.

Acids

Acetic. — Production has kept the supply situation favorable. Demand was not unusually active and all requests for material during the month were granted in full by WPB.

Hydrofluoric. — Major part of anhydrous production during the month was routed into channels reaching the high octane gasoline manufacturers. WPB made a drastic curtailment in allocations for miscellaneous use.

Lactic.—WPB placed this material under allocation control beginning Sept. 1, because military demand is expected to require approximately 40 percent of total production.

Muriatic.—Consuming industries received deliveries promptly. Production keyed up for current requirements and situation remained healthy with supply and demand well in balance.

Naphthenic.—Beginning with September allocations, naphthenic acid will be denied for virtually all civilian uses, because of sharply increased military requirements, WPB has announced. While many civilian requests for this acid for use in protective coating driers have been denied, a still smaller quantity will be allocated for a few highly essential civilian wants. Naphthenic acid will continue to be granted for use in ore flotations where special problems exist and for demulsification in petroleum operations. The industry reported it is planning to expand its facilities in an effort to meet military needs.

Oxalic.—No improvement in buying conditions. Demand for government and civilian uses is far enough ahead of production to hold market in definitely tight position. Reported doubtful if carlot business could be booked before late October.

Sulphuric.—Supply situation getting tighter, particularly where channels lead to manufacturers of superphosphate. Routing of domestic ordnance acid for war use has opened quite a gap in the prospective supply. Later on, this shortage should be eased by the addition of new producing units but until that time arrives conditions suggest a shortage of available material.

Insecticides

August requests to WPB for pyrethrum for agriculture were granted and distributed in conformity with end use restrictions of food and production order No. 11 (now WFO-11) on the basis of past consumption of pyrethrum during 1941 and 1942. Pyrethrum for civilian use was allocated on the basis of 10 percent of consumption during 1940 and 1941, consistent with permitted end use.

Most of the insecticide shipments are about over for this year. Materials will be used during the first half of September in some sections but the active consuming call has spent its force. Available supplies have met agricultural requirements with the occasional use of substitutes without unusual difficulty. Early buying facilitated the general movement to a large degree and manufacturers hope the same policy will be followed during the new season. With few exceptions, carryover stocks are believed to be small, leaving the general situation healthy.

Methyl Bromide.—WPB removed allocation controls from methyl bromide used for fumigation, delousing and fire extinguishing.

Sulphur Data: 1943

Production of crude native sulphur in the United States in 1943 totaled 2,538,786 long tons, 27 percent less than the record tonnage attained in 1942, according to data compiled by the Bureau of Mines, Texas contributed 75 percent and Louisiana 25 percent of the total. In addition to this tonnage of relatively pure crude sulphur, a comparatively small amount of native sulphur ore, containing 10 to 50 percent sulphur, was mined in Texas and Colorado and sold for agricultural purposes. Shipments totaled 2,953,845 tons, valued at $47,300,000.

Production and shipments in 1943 compared with 1942 as follows:—

	Long tons	
	Production	Shipments
1943	2,538,786	2,953,845
1942	3,460,686	3,128,559

The total sulphur available in by-products of industrial processes is very large, but most of this material is discarded, as only a fraction can be profitably recovered at present. During smelting, concentrates of copper and zinc sulphides give off sulphur-bearing gases, which are converted into sulphuric acid at many smelters. The equivalent of 270,000 long tons of sulphur was recovered from this source in 1943. Sulphur and its compounds are also obtained from coke-oven, refinery, natural, and other industrial gases. Elemental sulphur derived from gases totaled 5,101 long tons, and hydrogen sulphide recovered contained 17,591 long tons. The output came from California, Illinois, Maryland, Massachuetts, Michigan, Missouri, New Jersey, New York, Pennsylvania, Washington, West Virginia, and Wisconsin.

Consumption of sulphur in the United States attained a new record in 1943, the apparent total being 2,525,237 long tons, compared with 2,472,396 tons in 1942. Over three-fourths of the sulphur, from all sources, consumed in the United States is converted into sulphuric acid before entering its final use. In 1943, production of sulphuric acid is estimated to have been 11 percent greater than in 1942.

During 1943 the total of producer-owned stocks declined 13 percent to 4,462,000 long tons. At the end of the year 3,841,000 long tons were held at the mines and the remainder at consumption centers or in transit.

Pyrites Output in 1943

Production of pyrites (ores and concentrates) in the United States in 1943 amounted to 802,384 long tons, valued at $2,844,000. The average sulphur content was 40.9 percent.

The 1943 output ran 11 percent above that for 1942, but the 720,363 tons produced in the earlier year had a 42.6 percent average sulphur content, and the total value was $2,484,000.

Pyrites production was reported in 1943 in California, Colorado, Illinois, Indiana, Montana, New York, Pennsylvania, Tennessee, Virginia, and Wisconsin, Tennessee being the largest producer. The production as a whole was concomitant with the mining of coal, copper, iron, and zinc.

Rheem Buys Stoker Firm

The Rheem Manufacturing Company, manufacturer of steel shipping containers, boilers, tanks, and other articles, San Francisco, has acquired the business of the Stokermatic Company, manufacturer of coal-stokers and related equipment, Salt Lake City.

CHEMICALS

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Look AHEAD!

TEST THE VELSICOLS NOW FOR USE IN YOUR 1945 *Insecticide Formulations*

1945 may be a post war year. The war against insects, however, will go on with new energy. You will want to cash in on the increased demand for improved quality insecticides that a peace market will provide. VELSICOLS AR-50 and AR-60, toxic agents for the production of superior AA sprays, will enable you to meet this demand.

OFFER A BETTER PRODUCT

VELSICOL AR-50 as the active ingredient in your household spray and AR-60 in your livestock spray will afford safe, effective control over a wide variety of insect pests. To the outstanding high kills and repellent action obtained by these materials is added fast knockdown, and at the end of 24 hours the few flies still alive are moribund and hardly any recover. The Velsicols are stable over long periods of time, and their activity is not affected by extremes of temperature or types of containers. Constant laboratory check assures uniformity of these products.

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SOLVENTS FOR ROTENONE AND DDT

AR-50 and AR-60 are unique solvents for derris, cubé, and DDT. Investigate the possibilities the Velsicols have as solvents, activators, and extenders for these toxicants in your agricultural sprays and dusts.

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BARIUM CARBONATE CHLORIDE SULFIDE CHROMATE
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MANUFACTURED BY
CHEMICAL PRODUCTS CORPORATION
CARTERSVILLE, GEORGIA

POTASSIUM PERSULPHATE
CRYSTALS—GUARANTEED 94% PURE
(100% will pass through a 20 mesh screen)
PENNSYLVANIA SALT MANUFACTURING COMPANY
Chemicals
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CROTON
SODIUM NITRATE
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POTASSIUM NITRATE • SODIUM NITRITE • SODIUM NITRATE
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PRODUCTS USED IN REFINING AND CASTING OF MAGNESIUM
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Salt Distribution For 1943 Compiled

Salt production in 1943 totaled 15,214,152 short tons, as compared to 13,693,284 short tons in 1942, according to the Bureau of Mines. Salt in brine used in chlorine, bleaches, chlorates, etc., totaled 1,801,899 short tons in 1943, as against 654,686 short tons in 1942; in soda ash, 6,102,617 short tons in 1943, compared to 6,670,621 short tons in 1942; and in other miscellaneous uses totaled 56,599 short tons in 1943, against 47,858 short tons in 1942. A breakdown of distribution of salt follows:—

	1943	
	Evaporated salt	Rock salt
Chlorine, bleaches, chlorates, etc.	1,138,691	770,620
Soda ash	2	110
Dyes and organic chemicals	54,772	78,529
Soap (precipitant)	37,717	15,974
Other chemicals	131,674	376,376
Textile processing	39,705	81,964
Hides and leather	103,728	191,014
Meat packing	459,593	375,815
Fish curing	32,724	53,463
Butter, cheese and other dairy products	108,740	9,920
Canning and preserving	137,532	13,149
Other food processing	205,548	16,841
Refrigeration	31,841	179,152
Livestock	625,675	232,730
Highways, railroads, dust and ice control	12,912	283,131
Table and other household	480,682	184,843
Water treatment	174,460	200,018
Agriculture	46,127	16,455
Metallurgy	43,794	31,099
Other uses*	127,982	147,945
Total	3,903,899	3,259,138

* Includes exports where use is not specified.

Barite Output Off in 1943

Barite production in 1943 reached 429,298 short tons, compared with 449,873 short tons in 1942, according to the Bureau of Mines. Statistics of the barite industry follow:—

	1943	1942	1941
Production	429,298	449,873	483,391
Used in manufacture of ground, crushed barite	225,154	200,443	243,846
Lithopone	128,073	144,821	153,982
Barium chemicals	81,547	449,424	490,833

J.T. Baker Co. Now 100% Owner of Taylor Chem. Corp.

The Taylor Chemical Corporation with plant located in Penn Yan, N. Y., is now completely owned by the J. T. Baker Chemical Company, Phillipsburg, N. J. The only item that the Taylor Chemical Corporation manufactures is carbon bisulphide. This plant is now running at full capacity with all production related directly or indirectly to the war effort. There will be no change in operating personnel.

N.Y. Textile Chemists Name Prien Technical Program Head

Commander Walter F. Prien, executive officer and director of research and development at the U. S. Naval Clothing Depot, Brooklyn, has been appointed chairman of the technical program committee of the New York section of the American Association of Textile Chemists and Colorists. The first technical meeting of the season will be held November 17.

Ground Barite Output Gained in 1943

Ground and crushed barite sold or used by producers amounted to 208,252 short tons, valued at $3,743,919 in 1943, according to the Bureau of Mines. This compared with 178,765 short tons valued at $3,611,745 in 1942 and 234,877 short tons valued at $4,606,832 in 1941.

American Standards Ass'n In New Quarters Sept. 1

On or about September 1, the American Standards Association will move from 29 West Thirty-ninth street to larger quarters in the Grand Central Terminal Office building, 70 East Forty-fifth street, New York.

Penna. Salt Engages LaLande

Dr. William A. LaLande, jr., formerly director of research for the Attapulgus Clay Company, has joined the research and development department of the Pennsylvania Salt Manufacturing Company, Philadelphia, as director of research. Dr. S. C. Ogburn, jr., manager of research and development for the company, says Dr. LaLande will have immediate charge of the research division.

Trade Briefs

National Chloride Company is the firm name under which Carl W. Bohne and Leo N. Roach give notice that they are conducting business in Amboy, Cal.

Poly-Resins has been incorporated in Los Angeles, with a capital of $200,000. Directors are:—Claus H. Vonder Reith, F. C. Beyer and Frank H. Love, all of Los Angeles.

Rafael Narvaez has been elected assistant treasurer of Patino Mines & Enterprises Consolidated, and Alberto Marianca Pando has been appointed a director of the company.

James A. Hyslop has retired from the post of principal entomologist which he took ten years ago in the Bureau of Entomology and Plant Quarantine of the United States Department of Agriculture.

John R. Cotter and Rodolfe Michels have been elected vice-presidents of the Chile Exploration Company and the Andes Copper Mining Company, subsidiaries of the Anaconda Copper Mining Company.

Master Hard Chrome Platers is the firm name under which Clarence E. Campbell and Joe Tassone have published a certificate that they are conducting business at 1236 Rio Vista street, Los Angeles, Calif.

Manganiferous iron ore deposits near Silver City, N. M., are discussed in bulletin 19 of the New Mexico Bureau of Mines and Mineral Resources, a seventy-two-page publication which may be got from the bureau at Socorro, at 50 cents a copy.

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HARDWOOD CHARCOAL
Now Available at
$32. PER TON BULK BASIS
f.o.b. Argyle or Meta, Missouri, or Baron, Oklahoma. (Our Option)
PAPER BAGS, $4.00 Per Ton Over Bulk
BURLAP BAGS, $5.50 Per Ton Over Bulk
Lump, Granular, Powdered
Subject to allocation by War Production Board.
Prices subject to change without notice
ALABAMA CHARCOAL CO.
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HOW TO SPOT TWO 100% DEPENDABLE CHEMICALS
Just look for these Identifying Insignia:
LIQUID *Sulfur Dioxide* BY ANSUL*
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ANSUL CHEMICAL COMPANY
MARINETTE, WISCONSIN
EASTERN OFFICE: PAOLI, PENN.

Fertilizer Materials

Fertilizer manufacturers seemed somewhat confused by the recent notice of restrictions placed on synthetic ammoniates without official notice of arrangements to replenish the supply from other sources. It can be stated that all the ammonia nitrate that can be expected, is being obtained from Canada at the present time. Shutting off of domestic ordnance material for agriculture has placed a limit on domestic supply sources. To neutralize the nitrate shortage to some extent, arrangements have been made to bring in a minimum of 800,000 tons of soda nitrate from Chile by May 1, 1945. This includes 650,000 tons of new orders and 150,000 tons left over from the present year's program. War Food Administration has asked for 1,000,000 tons. The shortage of sulphuric acid has been felt at superphosphate producing plants. There were instances last week where acidulators were forced to request a cutback in phosphate rock deliveries on account of insufficient acid available. The potash situation has remained favorable. Allocations have been covered promptly and output has revealed a tendency to gradually increase. Ammonia sulphate production continued heavy and on a fairly even basis all month. Demand for this material has steadily expanded, the buying movement being stimulated by fear of a possible shortage in other nitrogenous materials later in the year.

Nitrogenates

Ammonia Sulphate. — Industrial users are getting all of this material they need. Mixers are calling for shipments and demand from the source is increasing. Fear of possible shortages later in the season has stimulated buying interest, but so far all allocations have been met without unusual difficulty.

Bone Meal.—Market was reported relatively quiet. Demand and offerings were both limited with occasional sales to feeders at ceiling levels.

Castor Pomace.—No relaxation in demand for this material and the market is sold far enough ahead to keep buying conditions tight. On a unit basis, the market looks attractive compared with the ceilings of dried blood and tankage.

Dried Blood.—Several car lots of domestic changed hands at ceiling figures. There were reports of some future imported having been sold also. Feeders were the only buyers. The market presented a sold out appearance at the close.

Fish Scrap.—Buying conditions were reported tight. Baltimore advices stated that material is sold as soon as made at ceiling prices with no apparent desire to convert scrap into meal. Demand was active with a tendency to expand.

Soda Nitrate.—August prices for domestic material have been extended through September. Reports of more nitrates for military use have stimulated buying interest. Fertilizer manufacturers East of the Rockies are ordering up to 25 percent of their established bases, this being permitted so that fertilizer manufacturers can take care of demands for special crops in limited areas during the months from August through October. The material taken will be charged against the total allotment for direct application for the 1944-1945 fertilizer year.

Tankage.—Although a fair demand was reported for low grade material, there was a distinctly better inquiry noted for high grade domestic stock for feeding purposes. Offerings were moderate and found ready buyers at ceiling levels.

Phosphates

Phosphate Rock. — Production has continued at a level to meet all requirements of acidulators, and the overall supply situation looked favorable enough to meet the season's wants in full without unusual difficulty. Shipments from mines were fairly heavy, with sufficient material above ground to permit prompt shipments regularly. The market was quoted firm at ceiling levels.

Market Trends

Prices Advanced
None

Prices Reduced
None

Comparative Price Indexes
(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
71.8	71.8	71.8	71.8

Superphosphate.—Production of normal 18 percent a-p-a for June was placed by the Bureau of the Census at 566,044 short tons. Output of 45 percent concentrated was 20,792 tons and wet base 18 percent 2,643 tons. These figures compare with 624,962 tons of normal 18 percent, 23,106 tons of 45 percent concentrated and 3,035 tons of wet base 18 percent in May. Stocks at the end of June were placed at 760,131 tons of normal 18 percent, 43,914 tons of concentrated 45 percent and 300 tons of 18 percent wet base material. At the end of May the supply of normal 18 percent was 709,687 tons, concentrated 45 percent, 50,116 tons, and wet base 18 percent, 4,041 tons. Future production is dependent chiefly upon the amount of sulphuric acid available and the supply of manpower. So far the latter has restricted production at some important supply points.

Potashes

Manure salts and muriate have continued to move freely against allocated orders regulated by WPB. Demand is heavy, with mixers calling for full shipments and eager to secure all the material permissible. The supply situation was reported favorable, with leading producers maintaining output somewhat above the level of a year ago at this time.

Sulphur and Pyrites

Sulphur moved freely under a steady miscellaneous consuming demand. The supply situation remained adequate to meet all industrial and government requirements without difficulty. While Spanish pyrites revealed no appreciable change in shipping conditions, demand was satisfied chiefly from domestic and Canadian supply sources.

Markets at Other Centers

Atlanta, Aug. 25.—Southern fertilizer manufacturers are expressing a fear that the government does not fully appreciate the urgency of materials for the industry. Cutting off of synthetic ammoniates on which the industry has been encouraged to rely heavily, with little previous notice and without arranging to offset the loss by increasing the supply of ammonia from other sources, has left the industry up in the air. Production of base goods, it is claimed, will have to progress steadily through the Summer, Fall and Winter, to approach the goal which has been set by federal agencies for next season's crops.

Baltimore, Aug. 25.—The unfavorable weather conditions have tended to make the current season one of the poorest experienced in fish scrap. The schools of fish seem to have disappeared and the catches in the Chesapeake as well as outside of the Virginia capes are poor, with those off the Delaware and Jersey coasts not much better. Sales of scrap are being made in limited quantities as the product is available, there being no advantage in holding supplies, and the tendency with regard to the conversion of scrap into meal for protein products is still restricted because of the mark-up, which fishing companies regard as too small to encourage grinding.

Chicago, Aug. 25.—Call for nitrogenous fertilizer materials was reported steady for most products, while the supply of livestock, as an index of the fertilizer materials supply, was about routine. The result was a continuing well-balanced tone of the fertilizer products in the market. Offerings were not particularly bothersome. Blood was quiet. Tankage was in good call. Bone materials held their own about as anticipated. Dried blood, principal grade, $5.53 per unit of ammonia. Tankage, feeding grade, $5.53 per unit; hoof meal, $4.25 to $4.50; liquid stick, $1.75 to $2.

Los Angeles, Aug. 25.—The organics market remains at a standstill here, with brisk demand noted on nitrogenous materials. The producing plant for ammonia nitrate continues behind schedule, and July shipments have just been completed. Ruling prices are:—Ammoniate Phosphate named at $48 per ton for 16/20 grade and $57 for 11/48, delivered California plant. Ammonia Nitrate $65 per ton, f.o.b. production point, with freight allowance up to $4.40 per ton.

For Current prices see alphabetical listing beginning on page 9.

A.O.A.C. to Meet in Oct.

The Association of Official Agricultural Chemists will hold a meeting October 25 and 26 in the Hotel Statler, Washington. To supplement hotel accommodations, L. M. Beacham heads a committee on housing. He may be reached at the association's address, P. O. box 540, Benjamin Franklin station, Washington.

OPD—8-28-1944

Domestic SULPHATE of AMMONIA AND AMMONIA LIQUOR
MADE IN THE U.S.A.
Barrett NITROGEN
THE BARRETT DIVISION
ALLIED CHEMICAL & DYE CORPORATION
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FERTILIZER MATERIALS
Conditioners and Fillers A Specialty
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SUNSHINE STATE POTASH U.S.A.
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A PRODUCT OF NEW MEXICO
MURIATE OF POTASH
62/63% K2O ALSO 50% K2O
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22% K2O MINIMUM
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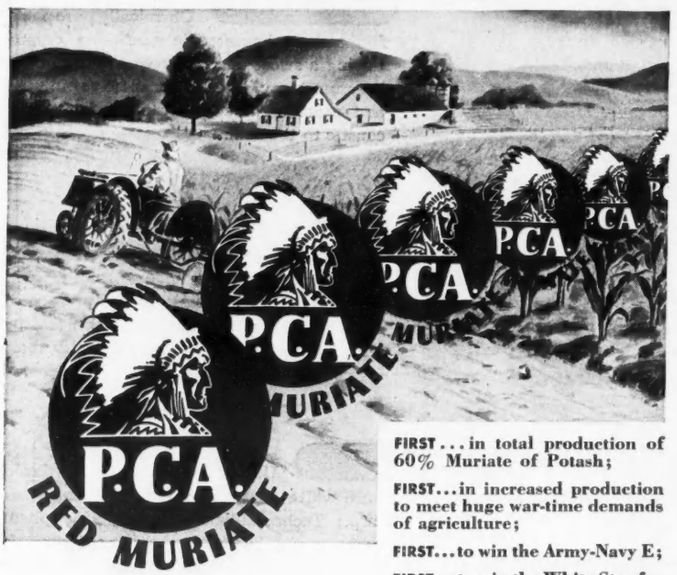

FIRST... in total production of 60% Muriate of Potash;

FIRST... in increased production to meet huge war-time demands of agriculture;

FIRST... to win the Army-Navy E;

FIRST... to win the White Star for "continued meritorious service on the home front";*

FIRST... to win the 2nd White Star for "great and continuing contribution to the cause of freedom".*

FIRST, last and always, PCA's Red Indian Trade Mark is a safe symbol to tie to, now, today, and in Post War days tomorrow.

*Quotations from letters of Robert P. Patterson, Under-Secretary of War.

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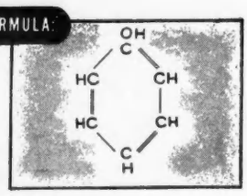
GENERAL SALES OFFICE...50 Broadway, New York, N. Y.
• SOUTHERN SALES OFFICE...Mortgage Guarantee Building, Atlanta, Ga.

PHENOL

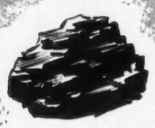
DEFINITION: Phenol is a weak acid derived from benzene through the replacement of one hydrogen atom of benzene by the hydroxyl group. It is the simplest member of one of the most important groups of compounds in organic chemistry. Also known as hydroxybenzene, and carbolic acid.

HISTORY: Phenol was discovered in coal-tar by Runge in 1834; Laurent first obtained it in pure crystalline condition in 1841 and named it phenic acid.

FORMULA:



C_6H_5OH



SOURCES: The first commercial source was that fraction of coal-tar which distills approximately from 160°-220°C. This is still an important source but the largest portion of U. S. production is now made synthetically from benzene. Also found in nature as a degradation product of proteins. The proportion of phenol in coal-tar ranges from 0.1% to 1.0%.

CHARACTERISTICS: Chemically pure phenol forms clear, hygroscopic needle-like crystals having a sweet odor. If even slightly impure it assumes a pink color. It dissolves in water and most organic solvents. It is strongly caustic to the skin.

USES: Phenol is used in the manufacture of dyestuffs; in mixtures with cresol for refining lubricating oils; for manufacture of picric acid and other chemicals; also in preparation of medicinal products. Principal use is in phenol-formaldehyde resins for plastics, molding compounds and other synthetic resins.

GRADES: U.S.P. (Natural and Synthetic), pure white crystalline with 40°C minimum m.p.; Technical-light colored, 97% phenol content, with 39° minimum m.p.; Technical—90-92% phenol, minimum m.p. 36°C; Technical—82-84% phenol, minimum m.p. 30.5°C. All grades also sold in liquid form containing 8-15% water.

NOTE: Deliveries today are restricted by the primary requirements of phenol for war uses.

This is one of a series of advertisements presenting information on basic coal-tar chemicals.

Awarded to the men and women of the Barrett Frankford Chemicals plant for excellence in the production of war materials.

THE BARRETT DIVISION
ALLIED CHEMICAL & DYE CORPORATION
40 Rector Street, New York 6, N. Y.
The Barrett Company, Ltd., 5551 St. Hubert Street, Montreal, Que.

ONE OF AMERICA'S GREAT BASIC BUSINESSES

Coaltar Chemicals

Shipments of basic coaltar chemicals were maintained at an unusually high level throughout the past month. The call for war production uses backed up by a heavy industrial demand was sufficient to press production and keep the available supply of material short. Under these influences, the overall market held a strong position without uncovering any visible price changes. On several occasions, shortages developed, sometimes critical and material was shifted into channels considered most essential. While increased production would have eased the stringency, manpower shortage offered a problem that placed a barrier toward any rapid movement in this direction. The strength and stringency in the major basic products have been reflected in the acid color and intermediate markets. It was admitted the situation was sensitive. In these times conditions change quickly. Military developments will have an imoprtant influence in shaping the future course of these markets.

Steel operations for the week beginning August 21 were scheduled at 94.5 percent of ingot capacity compared with 96 percent for the previous week according to the American Iron and Steel Institute. A month ago the indicated rate was 95.9 percent. The current schedule is equivalent to the production of 1,692,800 net tons of ingots and castings against 1,719,600 tons for the previous week and 1,732,500 tons for the corresponding week in 1943.

Order M-184 governing allocation of aniline, was revoked by WPB Aug. 23, 1944, and control of the chemical transferred to the general chemical order M-300, schedule 42.

A project for the construction of a new phthalic anhydride plant on the Pacific coast has been approved by WPB. Material will be produced from a petroleum base.

Basic Products

Benzol.—While output continued heavy, demand was considerably in excess of the production level. Aside from actual war production requirements, steady shipments were made during the month for use in the manufacture of phenol, anilin, nitrobenzene and other intermediates. A lot of benzol was also shipped to the makers of solvents and rubber chemicals.

Coaltar.—Granting of permission to use this material as a substitute for fuel oil where the latter was not available, was reflected in increased shipments for this use during the past month. The remainder of output was taken for specific and essential requirements.

Creosote Oil.—Supplies remained available to meet wood preserving, disinfectant and other uses promptly. Buying interest, while fair, was not of an aggressive character.

Cresylic Acid.—Enough domestic material was available to cover most of the uses in the manufacture of plastics, preservatives, medicinals and for ore flotation. Imported found a steady call for use as a carbon remover, textile agent and in the manufacture of disinfectants. The price position was reported firm and without quotable change.

Napthalene.—Shipments to manufacturers of chemical compounds seemed to hold the lead throughout the past month. Substantial shipments were also made for use in the production of dyes and intermediates and agricultural insecticides. The overall demand was in excess of production and the market maintained a definitely tight position.

Phenol. — Chemical manufacturers received 623,000 pounds of phenol this month compared with 715,000 pounds in July. Disinfectants received 164,000 pounds against 260,000 pounds in July. Sizable lots were also used in the production of plastics, plasticizers and medicinals. Production was sufficient to cover most of the requests.

Toluol.—Maintenance of heavy consuming demand overtaxed production and held market in exceedingly tight position. Deliveries for the manufacture of chemicals had the jump on other industries this month. The total amounted to 111,245 gallons. Solvents received 31,337 gallons against 67,222 gallons in July. Medicinals took 53,738 gallons compared with 32,194 gallons in July. Neofrene solvents received 25,007 gallons against 14,328 gallons last month. Shipments for uses in cable lacquer and solvents amounted to 61,783 gallons.

Xylol.—Protective coatings consumed the most of this material in industry during the past month. The total was somewhat below July. August shipments amounted to 1,283,754 gallons compared with 1,389,364 gallons in July. Shipments for blending purposes this month were 612,895 gallons against 709,349 gallons in July. Dyes and intermediates were given 29,150 gallons compared with 10,765 gallons last month. Substantial shipments were also allotted to the manufacturers of adhesives and cement.

Chicago, Aug. 25.—Call for coaltar materials is holding up and a generally firm to strong tone is noted in the market. There is a persistent demand from sources related to the war effort. Benzol is ordered actively. Ruling prices exclusive of tax are:—Benzol, pure, in tank-car, freight allowed up to 2c. per gallon, 15c. per gallon; toluol, 2-degree, same basis, 28c.; 10-degree, same basis, 30c.; industrial xylol, same basis, 27c.; solvent naphtha, same basis, 27c.; creosote oil, grade 1, 15½c.

Hydrogenated Solvents

Cyclohexane.—Manufacturers of resinous materials have been able to cover their requirements. While the supply was not excessive, producers were in a position to satisfy requirements promptly and without unusual difficulty. The steady position of the market remained unaltered.

Cyclohexanol. — Some recent easement in buying interest permitted a slightly better supply position to develop. Reports were heard that in some instances difficulty in securing enough of this material earlier in the year resulted in the manufacture of certain substitute resinous products not requiring extensive use of the solvent. The supply situation remained sensitive and might easily change if heavy buying is resumed.

Coaltar Acids

Anthranilic.—Shipments for essential requirements have been heavy enough to drain production, and the market has retained a firm position, with buying conditions tight.

Cleve's.—Not much material available. Production able to meet essential requirements, and that was about all. Market position reported firm, with no apparent easement in supply situation.

Fumaric.—Producers were granted more maleic anhydride this month than last, but there was no relaxation from the market's former tight position. The call for essential uses was easily able to absorb production.

Gamma.—Market reported firm under a steady demand and strong basic situation. Material found ready outlet as rapidly as produce.

Maleic.—Market position strong under an active miscellaneous call, including the cellophane and fumaric acid manufacturers. Supply limitations prevented the extension of activities.

Picramic. — Continued short stocks have proved a sustaining influence to a strong market position. Only essential requirements were considered.

Other Intermediates

Anilin.—Critical supply situation in benzol has curtailed production of anilin oil and demand is considerably in excess of current output. Inventories have been called upon to relieve es-

For Current prices see alphabetical listing beginning on page 9.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
129.2	129.2	129.2	129.2

Coke By-Products

Estimates of by-product coke-oven operations in the week ended Aug. 19, indicate the following output of by-products from that source:—

Ammonia sulphate	lbs.	38,005,814
Benzol	gals.	3,826,848
Coaltar	gals.	14,552,859
Creosote oil	gals.	778,828
Naphthalene	lbs.	1,624,551
Phenol	lbs.	216,489
Toluol	gals.	745,684
Xylol	gals.	168,380

sential requirements and it is expected that most of these will be satisfied. Allotments for use in the manufacture of rubber chemicals amounted to 3,400,000 pounds this month, compared with 3,137,000 pounds in July. Dyestuffs were given 1,334,000 pounds against 1,797,000 pounds in July.

Anilin Salt.—Textile and fur dyeing industries were granted 79 percent of requests for August compared with 72 to 85 percent in July.

Benzaldehyde.—Recent closing down of some of the largest producing plants for repairs has created a severe shortage of this material. Part of July deliveries had to be shifted to August. Only about 30 percent of essential civilian requirements this month will be satisfied. No material was available for food flavorings.

Maleic Anhydride.—Market continued active and firm under a well diversified demand. Manufacturers of maleic resins were heavy consumers. Shipments to this industry were not as heavy as the previous month, the allocation for August amounting to 334,207 pounds, compared with 346,740 pounds in July. Phthalic resins received 64,688 pounds in August against 98,839 pounds last month. Makers of fumaric acid were granted 40,000 pounds this month against 10,000 pounds in July.

Phthalic Anhydride.—Total requests from all claimant agencies for August amounted to 11,725,997 pounds, compared with 12,478,270 pounds in July. Grants by WPB this month included 62 percent for alkyd resins compared with 64 percent in July. Chemicals and intermediates, 43 percent this month compared with 42 percent in July. Dyestuffs, 80 percent against 79 percent in July.

Coaltar Colors

Output progressed under difficulties and was not sufficient to ease buying conditions. Scarcity of basic materials, government regulations and scarcity of labor, all played a part in holding production down. Meanwhile, demand for uses, considered essential, continued active and in some instances beyond the current capacity of color manufacturers. While demand emanated from a variety of industries, the call for textile use was the most prominent.

Oronite Chemical to Build Phthalic Anhydride Plant

Plans have been reported by the Oronite Chemical Company, subsidiary of the Standard Oil Company of California, for the erection of a $1,000,000 plant in Richmond, Cal., for the manufacture of phthalic anhydride. Work on the construction will begin during September, according to R. G. Follis, chairman of the board of the Oronite company.

This Oronite project has been approved by the War Production Board, and will be the first phthalic anhydride plant west of St. Louis. The company will not make resins or other finished phthalic products, but will confine its activities to the furnishing of the anhydride to compounders and processers.

Russell Heads Cerro de Pasco

Frank F. Russell, general manager of the National Aircraft War Production Council, has been elected president of the Cerro de Pasco Copper Corporation to succeed Harold Kingsmill, retiring September 1. Mr. Russell is an executive of the National Aviation Corporation and has been a member of the Cerro de Pasco directorate since April, 1943.

General Aniline Redeems Bonds

Directors of General Aniline & Film Corporation, New York, have authorized the redemption at par on November 1 of $2,000,000 American I. G. Chemical Corporation guaranteed. 5½ percent convertible debentures of 1949.

Joins R.W. Greeff & Co.

Dr. Victor E. Wellman is now associated with R. W. Greeff & Co. as a technical sales executive. Until his recent resignation from the B. F. Goodrich Company he was director of purchases of the chemical division. Prior to his assignment to the procurement and purchasing division of the latter company, Dr. Wellman was manager of the general laboratory.

DuPont Advances Yancey

Edward B. Yancey has been elected vice-president and a member of the executive committee of E. I. du Pont de Nemours & Co., Wilmington, Del. Mr. Yancey since 1935 has been general manager of the company's explosive department, and since 1938 has been a director. W. H. Ward succeeds Mr. Yancey as general manager of the explosive department. He has been assistant general manager since 1935, when Mr. Yancey became head of the department.

Fairmount Chemical Company, Newark, N. J., had an explosion and fire in operating apparatus August 21, which caused the death of one man.

Chemical Workers Earnings Increase

Weekly earnings of factory workers in chemical and related fields showed an increase of 0.9 percent with an average of $44.30. This compared with an average of $37.36 for all nondurable goods manufacturing.

June-May comparisons in chemicals and related lines were reported as follows:—

Average Earnings

	Weekly		
	June	May	April
Chemical and allied products	$44.30	$43.96	$43.01
Ammunition	45.64	44.98	45.19
Chemicals	52.28	51.42	51.20
Cottonseed oil	25.97	26.29	25.94
Crude petroleum production	52.43	52.14	53.00
Drugs, medicines, insecticides	34.44	34.76	33.72
Explosives, safety fuses	47.72	47.66	46.66
Fertilizers	30.49	30.38	27.71
Paints and varnishes	46.57	45.96	45.19
Petroleum refining	57.78	58.27	57.83
Rayon, allied products	39.12	39.45	38.59
Soaps	48.33	46.91	47.02

Benzol Fumes Cause Two Deaths on Tanker

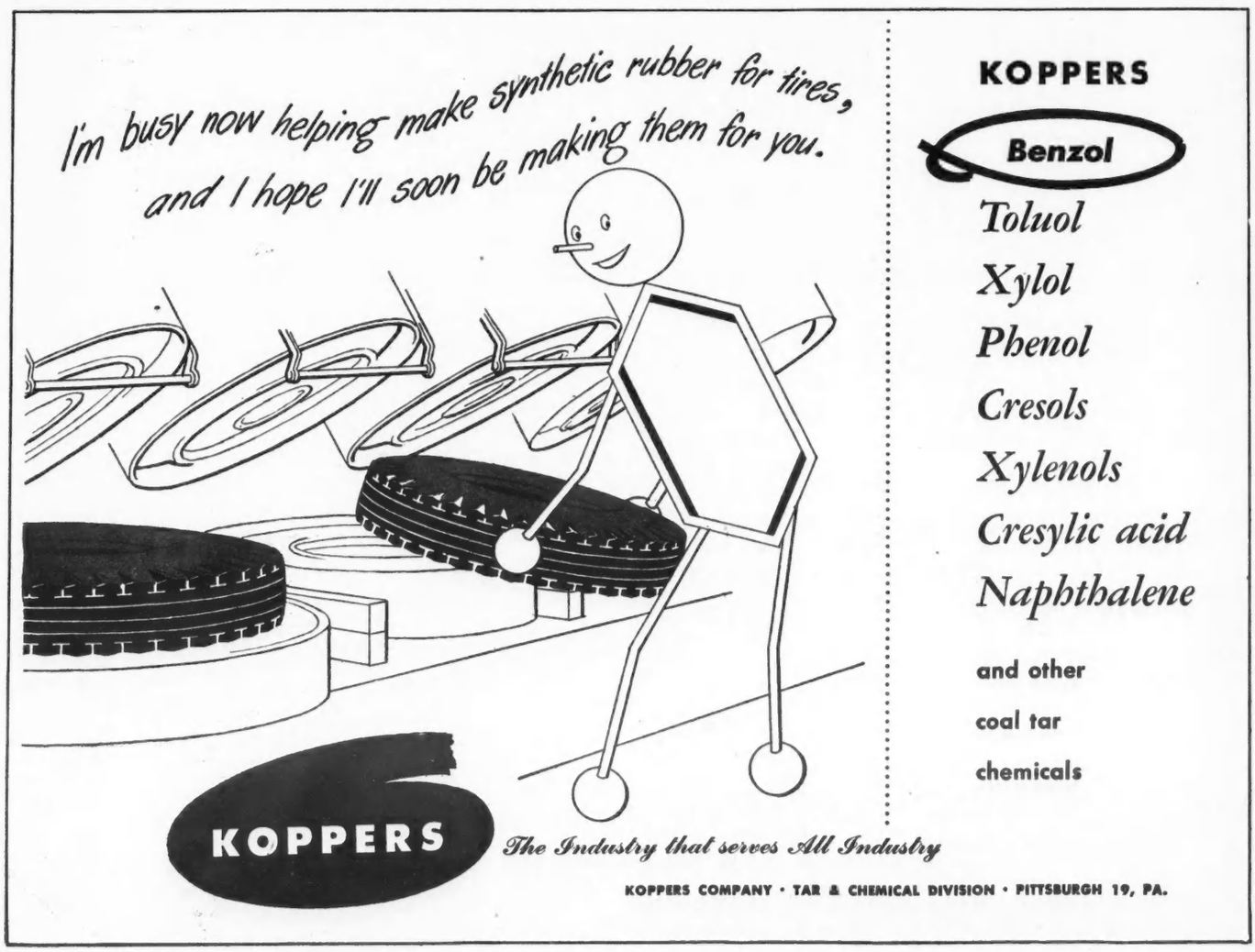
Benzol fumes from a leaking tank spread through a tanker anchored off the Florida coast early in August and caused the death of the master, Bjorne A. Lia, Lynbrook, L. I., and one other man. Men from the coast guard and the navy tried for two days to stop the leaks; they were successful in their efforts to prevent ignition of the fumes.

The accident was reported by coast guard officers after the ship was got into port, although the leaking had not been completely stopped.

A. D. Little Adds to Staff

H. W. Christoffers, L. T. Dupree, and R. B. Schneider have joined the staff of Arthur D. Little, Inc., industrial research organization, Cambridge, Mass. Mr. Christoffers was previously with the Commercial Filters Corporation; Mr. Dupree, with Servel, Inc.; and Mr. Schneider with the central development group of the Allied

Silica output in California during 1943 amounted to 161,318 net tons.



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Textile and Leather Chemicals

Two minor changes in the regulation governing ceiling prices for imported quebracho extract were announced by the Office of Price Administration, effective August 28, 1944.

Prices consumers pay for any finished product in which the extract is used as a component will not be affected, OPA said, which makes two changes as follows:—

Sales made for boiler treatment and pharmaceutical purposes (representing 3 percent of all imported quecracho) have been removed from the imported vegetable tanning materials regulation and are now subject to the General Maximum Price Regulation or the Maximum Import Regulation as they were prior to May 13, 1944.

The sales were exempted from the imported tanning materials regulation after it had been brought to the attention of OPA that prices for these relatively small quantities of the extract had always been higher in the trade than prices for the larger quantities sold for use in leather tanning. OPA was not aware of this fact when the imported tanning materials regulation was issued May 4, 1944.

This change permits an increase of 5 percent in present prices for warehouse deliveries of solid extract—the exact amount of increase in surcharge importers have had to pay since June 15 on ocean freight from Montevideo and Buenos Aires to U. S. ports.

While importers have been able to pass this increase along to their buyers for sales at dock, U. S. port of arrival, prices for sales f.o.b. seller's warehouse were established under the regulation on the basis of a fixed ocean freight rate of $21.60 per ton—the rate in effect before the increase in surcharge.

Industrial users of hemlock and chestnut oak bark will not be permitted to pay more for these commodities after August 26, 1944, than the highest price industrial users paid during the two-month period, May 15 to July 15, 1944, inclusive, the Office of Price Administration announced August 22. Having no ceiling, prices for hemlock and chestnut oak bark have gone up considerably with the result that commercial extractors are no longer able to produce the extracts and sell at their established prices without sustaining loss.

Chemicals

Aluminum Acetate.—Trading continued in fair volume for immediate delivery. Stocks were not liberal, but adequate to cover current demand.

Potash, Bichromate.—Demand steady from tanneries for military requirements. Consumption continued active with production readily absorbed. Prices remain firm at ceilings. Supply still insufficient for all soakings permissible by WPB.

Prussiates.—The War Production Board raised the small-order exemptions of potassium ferrocyanide and potassium-sodium ferricyanide to permit full container deliveries. The small-order exemption for potassium ferrocyanide, formerly 100 pounds, was raised to 370 pounds, the standard weight of one barrel of the material. The small-order exemption of potassium-sodium ferricyanide was increased from 370 to 400 pounds. The standard container for this material is a 100-pound keg. Both chemicals are controlled by Schedule 40 of Order M-300, the general chemicals order.

Sodium Acetate.—Stocks in users and producers hands small. Demand moderate, but steady. Quotations were unchanged.

Dyestuffs

Annatto.—Inquiry for seed was fairly active, but trading was quiet. Importers said that, owing to the higher cost of recent seed replacements which has increased the price above ceilings, they were unable to accept business except at a loss.

Fustic.—Users taking moderate quantities for immediate needs against former contracts. New business was slow. Prices were unchanged and steady.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
266.3	266.3	264.5	276.1

Sizing Materials

Albumen, Blood.—Market holding firm at current prices. Trading spasmodic. Stocks not heavy, with consumers absorbing the bulk of the output. Demand for dried soluble blood was moderate.

Albumen, Egg.—Production continued sold well ahead. Offerings were limited. Consumers were withdrawing steadily against former orders and showing an active inquiry for nearby needs. Prices firm at ceilings.

Corn Sugar.—Purchases of corn sugar totaling 444,000 pounds at the f.o.b. cost of $21,976 were reported by the War Food Administration during July for lend-lease.

Dextrin, Corn.—Demand exceeds the supply. Production sold well ahead, with deliveries from eight to ten weeks behind.

Egg, Yolk.—This market continued firm under an active demand. Production was limited and readily taken. Prices were firm at ceilings.

War Food Administration announced the purchase of 19,781,549 pounds of dried eggs and 131,050 cases of shell eggs and the shipment of shell eggs totaling 20,673,142 pounds and dried eggs, 15,273,241 pounds during the month of July for lend-lease.

Seeking to bolster the unstable egg market, the War Food Administration announced that it will purchase additional amounts of dried whole eggs manufactured during September, to fill new lend-lease requirements.

The WFA did not designate the destination of the eggs, but trade sources said they will go to Russia.

For the month of September egg driers may offer dried whole eggs through the WFA to 100 percent of their plant capacity. Driers offering such powdered eggs must certify that their product was made from fresh shell eggs purchased on the current market for drying and at prices in line with Government support prices.

Starch, Corn.—Demand was active and the bulk of production was promptly absorbed. Deliveries against former orders were moving at a faster pace, though the manpower shortage continued to affect the output.

The visible supply of corn in the United States declined 153,000 bushels during the week ended August 19 to 10,929,000 bushels, as compared with 6,300,000 bushels a year ago.

The War Food Administration announced the purchase of corn starch totaling 5,424,496 pounds at the f.o.b. cost of $252,584 and 284,000 pounds of laundry starch at the f.o.b. cost of $17,876 during the month of July for lend-lease.

Exports of corn starch during the month of July totaled 7,864,496 pounds and 52,815,614 pounds for the period January 1 to July 31, 1944, for lend-lease, according to the War Food Administration.

Tanning Materials

Divi-Divi.—Although trading was inactive, a firm tone prevailed in this market. No improvement was noted in the scarcity of shipping space at producing centers. Consumers were manifesting less interest in future deliveries.

Mangrove Bark.—Buying interest was lacking and the market was dull, but steady. Receipts totaled 958 bags on prior contracts for consumers account.

Myrobalans.—While trading was quiet, the market was firm at primary centers for future shipment at the recent advance in prices. Offerings for shipment were not liberal.

Quebracho.—Consumption continued active. Trading was slow. Prices were firm and unchanged. Stocks were recently replenished and sufficient to cover consumers needs.

For Current prices see alphabetical listing beginning on page 9.

Protective Coatings Materials

Despite the handicaps of inadequate manpower and greatly restricted supplies of many raw materials, under which they are still laboring in their efforts to amplify their bookings of civilian business, whereby to compensate for the inevitable tapering off of war orders, manufacturers of protective coatings are intensifying their endeavors to achieve this objective on a steadily expanding scale. Within the last week, alone, the pace of their operations in this direction has been accelerated by news of the sweeping Allied victories over the Nazi hosts in Europe and open declarations by both British and American generals that the end of the European war is now in sight with the accompanying suggestion that a cutback in war business of 40 percent is looming on the horizon.

Much progress is already being made in swelling sales of materials and finished paints and varnishes to non-military users through the exceptionally long extension of the Spring outside maintenance painting season throughout the Summer and an expected continuance of this movement up to the customary time for beginning the Fall outdoor campaign. But, even in this work, as well as in supplying paint for new private dwellings and other privately owned buildings, the manpower shortage and lack of drying oils have tended to hold back many painting operations and to cause delays in deliveries of four weeks or more in certain lines of materials.

Metallic Lead and Zinc

With domestic production and importations of metallic lead, now free of government control, continuing to run in sufficient volume to meet both military and essential industry requirements, without drawing upon the government's stockpile, lead oxidizers and other manufacturers of lead pigments are still able to cover their needs in pig lead without let or hindrance. Quotations for pig lead have continued unaltered for the week August 18-25 at 6.35c. per pound in St. Louis and 6.50c. in New York.

Unabatedly heavy takings for war production requirements are still keeping the supply of zinc slabs at levels below the combined needs of the military and essential industries, with the result that, although there is still a plentitude of zinc ore and concentrates, current stocks of the slabs continue insufficient to allow of unrestricted distribution. Hence, priority ratings are still demanded of zinc pigment makers. Consumption of zinc scrap is reported for June by the Bureau of Mines to have totaled 17,374 short tons, compared with 17,076 tons for May. This increase in consumption of zinc dust in that month was featured by an exceptionally large amount of flue dust to redistilled slabs by one company. Receipts of zinc scrap for that month, continued, as in May, to fall below consumption, so that stocks again declined for June to the extent of 355 tons to 42,878 tons. Prices for zinc slabs remained unchanged for the week August 18-25 at 8.25c. per pound in East St. Louis and 8.66c. in New York.

Pigments

Blue Lead.—Still moving steadily into military and civilian consuming channels. Market stable.

Litharge.—Buying interest holding up well, with prices firmly maintained.

Lithopone. — Despite the recent amendment of WPB order M-353, authorizing some allotments of all zinc sulphide pigments to the trade after ratings of AA-1 and AA-2 have been satisfied in full, the supply situation in this pigment continues extremely tight. Tone firm.

Fillers and Extenders

Asbestos.—Both Canadian and domestic materials continue moving in seasonally sizable volume. Market steady throughout.

Diatomaceous Earth.—Only a routine inquiry is noted for this material.

Gypsum.—In fairly good demand, with prices well maintained. Arrivals of 7,410 tons of gypsum rock are noted.

Talc.—Buying interest continues sizable. Market stable.

OPA has announced a method whereby producers of prophyllite, a hydrous aluminum silicate, similar to mineral talc, can apply for price adjustment after August 25, if they can show that they are unable to make and sell this product at present maximum prices. This action by OPA provides that the increases to be allowed will in no event be above the amount necessary to cover total costs of making and selling a particular grade or grades, or to cover total costs for a producer's entire production of the commodity.

Dry and Chemical Colors

Bone Black.—Continues moving into consuming channels in considerable quantities with prices well maintained.

Carbon Blacks. — Plans and provisions made by the War Production Board for striking a balance between a materially increased production of channel blacks and furnace blacks and compulsorily curtailed takings of the rubber grades of channel blacks and the furnace blacks have not yet worked out entirely satisfactorily. Manufacturers of synthetic rubber tires continue to press their clamorous demands for the rubber grades of channel blacks and also for furnace blacks to the extent that inventories of both are still being reduced, albeit in smaller measure than before WPB took steps to contract the outward flow to the rubber makers, as production of these blacks has not yet been amplified to the extent aimed at. At the close of July, stocks of channel blacks exhibited a lowering of between 9,000,000 and 10,000,000 pounds and this diminution, which WPB hopes to check with its new orders and directives, is likely to continue until production is built up much further from current levels. The paint trade also continues a sizable buyer of high color blacks.

Chrome Colors.—There has been no abatement in the demand for zinc chromate yellow, which continues under allocation control, but, while the war procurement agencies are still the largest purchasers, with non-military users unable to place more than a small percentage of their orders, even when they have procured rated orders, the Defense Supplies Corporation is offering for sale at the Brooklyn Naval Air Station 225 gallons of compound zinc chromate, designated as meeting specification TL-284. Offers on this small lot should be submitted in writing to DSC, 811 Vermont avenue, N.W., Washington, D. C. WPB's Chemicals Bureau allocations for August of the Class "B" pigments, including chromium oxide green and zinc chromate yellow, were made only to those essential military purposes specifying the use of these pigments and where adequate substitutes were not available. Sufficient Class "B" pigments were available to most quota orders and exempt orders as defined in M-370, but no additional quantities were allowed for extra quota Class "A" requests.

Driers and Flatteners

Naphthenates.—All hope for a return to liberal allocations by WPB of any of the naphthenates for use other than military has been sent glimmering by the announcement made by that bureau, within the past week, that naphthenic acid will be denied for virtually all non-essential civilian use,

For Current prices see alphabetical listing beginning on page 9.

Market Trends

Prices Advanced

None

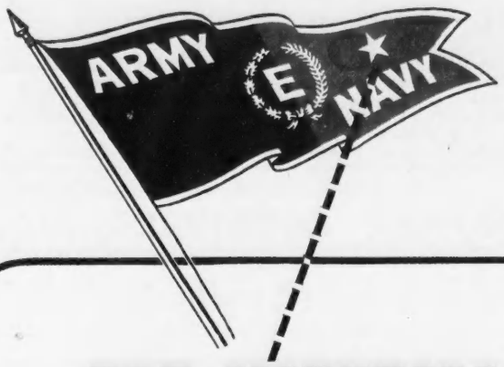
Prices Reduced

Rosin, gum, 3c. to 17c. per 100 lbs. Triacetin, in drums, works, 2c. per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
140.2	140.2	140.2	140.2



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beginning with the September allocations, because of the sharply increased military requirements, and by the corollary that even for the few highly essential civilian needs, the quantity allocated next month will be much smaller than ever.

Tallates.—With permissible civilian use of the naphthenates thus cut down to an irreducible minimum, the paint and varnish trade is turning with intensified eagerness to the tallates to meet its drier needs. Only a light routine movement is noted in soyates.

Stearates. — Continue in undiminished request, still holding first place in popularity among the flatteners required by the paint industry. Business in laurates has shrunken to inconsequential proportions.

Lacquer Materials

Acetone.—With the war demands continuing to mount, there is little or none of this material available for civilian use to date, although it is expected that there will be some easing of the present tight situation within the ensuing month.

Triacetin.—A leading manufacturer has announced a reduction in the price of this material from 32 cents to 30 cents per pound, in drums at Philadelphia works, effective September 1. The demand continues moderate sized, and the movement may be increased by this lowering of its price.

Diethyleneglycol. — The Defense Supplies Corporation is offering, out of its surplus war chemicals, for immediate sale two parcels of this material, designated as technical grade, aggregating 10,312 gallons; one of them consisting of 1,504 gallons, of which 744 gallons are at the 837th specification depot in Denver, Colo., and 760 gallons at Columbus, O., and the other lot, 8,808 gallons, at the 830th specification depot in Memphis, Tenn., all in single gallon cans. Offers should be submitted in writing to DSC, 811 Vermont avenue, N.W., Washington 25, D. C.

Synthetic Resins

In the face of notable curtailments in WPB's Chemicals Bureau August allocations of virtually all synthetic resins and materials entering into their composition to even the most essential of civilian industry users, the Defense Supplies Corporation is offering out of its surplus war chemicals, for immediate sale, several parcels of these synthetic resin materials, including 1,765 quarts of 40 percent solution formaldehyde, specification 4-1051A, packed in wooden boxes, from a CWS warehouse in Illinois and 343½ gallons of 32 percent by weight formaldehyde, U.S.P., at the arsenal at Edgewood, Md., together with 35,963 pounds of aroclor No. 5460, at a storehouse in Alpena, Mich., and 21 pounds of a compound elastic seam or caulking, federal specification 3598, in five-pound cans, at the 830th specification depot in Memphis, Tenn.

Bids on all these offerings should be submitted in writing to DSC at 811 Vermont avenue, N.W., Washington 25, D. C.

Naval Stores

A slight dip in the price of gum turpentine and a wellnigh all-embracing recessionary movement in prices of the various grades of gum rosin have featured the trading on the Savannah Cotton and Naval Stores Exchange within the past week, as rumors of an impending substantial rollback by OPA in ceiling prices for gum rosin in the permanent ceiling schedule expected, to be announced at the expiration of the sixty-day ceiling schedule, obtained credence in many quarters and induced sellers to market their offerings at sizable concessions from the levels prevailing at the close of the previous week.

Although the permanent price ceiling schedule on rosin was due on or before August 28, inasmuch as the temporary one expired on the preceding day, formal announcement of OPA's decisions on this score was withheld until after last day of the week's trading operations on the Savannah exchange. And, during this interval of uncertainty, it was rumored that OPA was seriously considering a lowering of the temporary price ceilings in its permanent schedule averaging a drop of more than 50c.

Meanwhile, moreover, there was no intimation as to when WPB would announce its contemplated limitation of consumption and restriction of consumer inventories of rosin, which will presumably be made effective on and after October 1 insofar as consumption limitation is concerned, with restrictions on consumer inventories to be made effective immediately upon the issuance of WPB's order on that subject.

Locally, business was light in both turpentine and rosin.

Turpentine. — All current offerings of gum turpentine have been readily absorbed on the Savannah exchange within the past week and there were also unabatedly heavy drafts upon government holdings. After the price of this commodity had returned to 78½c. per gallon, the market steadied around that figure, only to dip a quarter cent on the third day of trading on the exchange.

Savannah, Aug. 25.—Following is a record of the market for the week:—

	Bulk gallons		Barrels		
	Cents.	*Sales.	Receipts.	Shipments.	On hand.
Monday ..	78½	1,900	...	119	28,954
Tuesday ..	78½	6,800	177	...	28,771
Wednesday.	78¼	4,100	92	179	28,684
Thursday..	78¼	2,900	54	197	38,541
Friday ...	78½	1,250	36	30	28,547

* Gallons.

Rosin. — With consumers, already well stocked, awaiting the announcement of the permanent ceilings on gum rosin, and anticipating a further reactionary movement of prices, in the event that the rumors regarding a rollback in the new ceilings circulated earlier in the week proved warranted, bids for most grades of this commodity were reduced steadily throughout the past week for all grades.

Savannah, Aug. 25.—Following is a record of the market for the week:—

	Price per unit—Low of range quoted				
	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$4.65	$4.67	$4.67	$4.61	$4.61
D	4.75	4.77	4.77	4.77	4.77
E	5.40	5.38	5.30	5.22	5.23
F	5.40	5.39	5.36	5.33	5.31
G	5.40	5.39	5.36	5.33	5.35
H	5.45	5.40	5.36	5.35	5.35
I	5.45	5.42	5.38	5.36	5.36
K	5.45	5.42	5.42	5.36	5.36
M	5.48	5.44	5.44	5.36	5.36
N	5.69	5.67	5.66	5.67	5.67
WG	6.00	5.95	5.93	5.95	5.93
WW	6.10	6.10	6.05	6.05	6.02
X	6.10	6.10	6.05	6.05	6.02
	Drums—				
Sales	348	239	245	375	248
Receipts ...	46	375	350	182	251
Shipments..	115	161	350	200	...
Stocks	16,386	16,600	16,545	16,527	16,778

The United States Department of Agriculture reports having shipped on lend-lease in July 67,782 pounds of pine oil, 51,870 pounds of gum rosin, 644,825 pounds of liquid rosin, 106,649 pounds of tarene and 37,224 pounds of turpentine.

Varnish Gums

Asphaltum. — Continuing to move steadily into consuming channels, with the demand for some types outstripping supplies. An especially keen request is noted in manjak, gilsonite and petroleum base gums, with prices well maintained throughout the list.

Copal.—Stocks of Congo copal are still very limited and, although importers are gratified by the prompt granting of allocations and licenses covering the 3,000 tons of this natural resin authorized for the second half of this year by the Combined Raw Materials Board in the Belgian Congo, they do not expect to receive any shipments on this score before October, if then.

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Offices and Agents in Principal Cities
Distillers of Coal Tar Products

Shellac. — Though still lacking an adequate supply of bleaching grades to satisfy more than a relatively small percentage of total domestic and export requirements, American importers are convinced that every effort is now being made to amplify the quantity of these cheaper grades in the Defense Supplies Corporation's stockpile, to which they now have access to a satisfactory degree, inasmuch as allocation control has long since been eliminated. The conversion of these bleaching grades into liquid shellacs, however, still presents a serious problem, but it is generally believed that this can be solved satisfactorily when several bleaching plants now scheduled to reopen next month, get under way with their operations, provided, of course, that a more adequate supply of commercial alcohol is allotted for this purpose.

Glues and Binders

Casein.—Additional arrivals of imported casein in the United States have given temporary assurance that there will be no repetition of the shortage in this material which prevailed a year ago. But, to date, there has been no further easing of the price situation, Argentine acid-precipitated continuing to command 18 cents to 18½ cents per pound. On the other hand, there has been no preceptible stiffening of the market for this imported material, although it appears that there will be a slackening of importations from the source of this material following a severance of diplomatic relations between the U. S. and that country and the recent freezing of the latter's stock of gold in the U. S.

Glues.—Inadequate manpower continues to handicap manufacturers of both hide and bone glues in their efforts to meet all demands, although they are now generally much better supplied with raw materials, domestic as well as imported, for the making of both hide glues and acidulated bone glues.

N.Y. Production Club To Entertain A.C.S.

The New York Production Club will hold its monthly meeting in the Hotel Biltmore September 14 and has invited the registrants at the 108th meeting of the American Chemical Society which will be in session here September 11 to 14. Technical talks and production problems will be set aside for a program of entertainment.

Zinc Sulphate Sales Declined in 1943

Zinc sulphate sales in 1943 were 18 percent below the peak rate established in 1941, but except for that year they were higher than ever before, according to the Bureau of Mines. The figures given are on the basis of the product as it is sold to the trade. They do not include zinc sulphate used in the manufacture of lithopone.

	Short tons		
	1941	1942	1943
Rayon	5,170	3,149	4,537
Agriculture	3,038	4,123	3,329
Paints and varnish processing	1,422	1,917	2,439
Chemicals	5,555	2,595	1,642
Flotation reagent	312	355	1,282
Glue	1,203	750	635
Textile dyeing and printing	130	60	213
Electrogalvanizing	502	219	187
Other	1,869	1,163	1,385
Total	19,201	14,331	15,649

Paints for Sale by WPB

The redistribution division of the New York office of the War Production Board in the Empire State building, has the following paints and related materials to dispose of, handled by Mrs. A. B. Irwin:—

Black instrument paint, 245 gallons.
Gray enamel, 51 gallons.
Gray enamel paint, 70 gallons.
Gray synthetic enamel paint, 295 gallons.
Lacquer thinner, 95 gallons.
Metal prepared paint, 195 gallons.
Seablue camouflage lacquer, 180 gallons.
Solvesso, 54 gallons.

Shellac Importers to Golf

The United States Shellac Importers Association has scheduled a golf outing for September 12. It will be held at the Plandome Golf Club, Plandome, Long Island, which is near Manhasset. There is a Plandome station on the Long Island railroad. Luncheon will be served at 1:00 p.m. The main playing will follow. The program calls also for supper afterward.

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NEVILLAC RESINS are soluble in alcohol, hydrocarbons, ketones, esters, ethers and chlorinated hydrocarbons. They are compatible with most synthetic resins including cellulose esters and ethers, vinyl acetate, vinyl butyral and zein (corn protein) and partly with vinyl acetate and chloride copolymer.

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A-10

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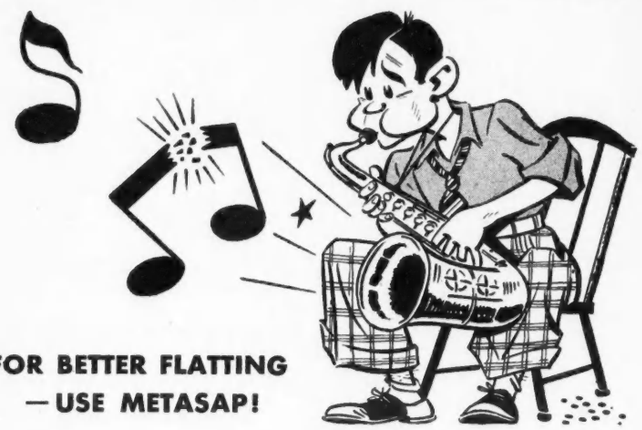

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C.O. Hosinger Retires From National Lead

Charles O. Hosinger, sales representative for the Atlantic branch of National Lead Company in New York and vicinity, retired August 1 after completing thirty-four years of active service. His associates in the branch honored him at a testimonial dinner and presented him with a traveling bag.

Mr. Hosinger started his career with the Matheson Lead Company, Long Island City, in 1910. This firm was purchased two years later by the National Lead Company although it continued to operate as a separate organization until 1927. After spending several years in the Matheson shipping and traffic departments, Mr. Hosinger joined the sales force. In 1927, he transferred to the Atlantic branch sales force, from then on specializing in the sale of dry pigments and linseed oil.

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Antimony Output: 1943

Primary antimony raw materials consumed at plants which produce antimony metal, oxide, and sulphide and at manufacturers making finished metal and nonmetal products, used 23,505 tons (antimony content) of antimony ore in 1943, 7 percent higher than 1942. More than 56 percent (13,224 tons) of the antimony ore consumed in 1943 was mixed or oxide ore, virtually all of which originated in Mexico. Eleven plants consumed approximately 22,400 tons of primary antimony materials including 18,457 tons of antimony in ore and produced 20,624 tons of antimony metal, oxide, and sulphide, 20 percent above 1942.

Over 300 manufacturers consumed 19,691 tons of primary antimony in raw materials including 5,048 tons in ore and produced 19,508 tons of finished products. The total primary antimony recovered in antimonial lead at lead smelters and all other plants from antimony ore, lead ore, and foreign base-bullion amounted to approximately 4,664 tons in 1943. Combined producer and consumer inventories of antimony in ore, concentrates, metal, oxide, and sulphide decreased 14 percent from 9,440 tons on December 31, 1942 to 8,089 tons on December 31, 1943.

Huber Printing Ink Plant Being Built in Texas

J. H. Huber, Inc., is building a printing ink plant in Borger, Texas, where it operates a large carbon black plant. H. W. Huber, president, said that this is the first link in an extensive expansion program planned by the ink division of the Huber organization.

The new unit will provide an opportunity for "on the spot" research, since two basic inngredients, carbon black and mineral oil, are local products. At Borger, the Huber company maintains a carbon black research staff and excellent laboratory facilities. These will be supplemented by the facilities of its ink research division.

Union Bag Lets Contract For Plant Expansion

The Union Bag & Paper Corporation has awarded a contract for design and construction of a new high-pressure steam plant, new power generating station, and other auxiliary work in its 1944-45 expansion program at Savannah, Ga. The project, valued at approximately $1,500,000, will include alterations and modernizations of the corporation's existing steam and power-generating facilities at Savannah. The work will be done by the Rust Engineering Company, Birmingham, Ala.

Pittsburgh Plate Expands Facilities at Pa. Plant

The Pittsburgh Plate Glass Company plans a $330,000 addition to production facilities at its Creighton, Pa., plant, already one of the world's largest plants for the production of polished plate glass, laminated glass products, and glazed assemblies for aircraft.

Magnesite Supply Reopens

Shipments of Indian magnesite to the United States have resumed after a hiatus of nearly three years, and the Golwynne Chemicals Corporation, 420 Lexington avenue, New York 17, says that it expects fairly continuous arrivals. This concern has been importing a white Indian magnesite, which it has been selling under the brand-name "Sharnva," for almost twenty-five years.

Lithopone Output: 1941-43

Lithopone, excepting cadmium lithopone, sold or used by producers in 1941-43 by consuming industries, as compiled by the Bureau of Mines, follows:—

	Short tons		
	1941	1942	1943
Paints, enamels, and lacquers	132,691	109,216	103,860
Floor coverings and textiles	21,114	15,775	15,999
Rubber	3,547	1,047	1,078
Other	19,290	11,282	14,786
Total	176,642	137,320	135,723

Trade Briefs

Fred C. Baehr has been elected a vice-president in charge of sales for the Seidlitz Paint & Varnish Company.

Acrylic Company of America, Inc., this city, has been formed with a capital of $20,000. Incorporators are Mae Frutkin, Pearl Altman, and Manfred H. Benedek.

Crown Plastics Corporation, this city, has been formed with a capital stock of $505,100. Directors and subscribers are:—R. H. Rhodes, Douglas Torrey and Pauline Osdin.

Joseph S. Hart, formerly export manager of J. M. Huber, Inc., printing inks, has been appointed assistant general manager. Louis A. Lara succeeds Mr. Hart as export manager.

Aladdin Paint & Chemical Company is the firm name under which Leon C. Smith has published a certificate that he is conducting business at 2322 Newton avenue, San Diego, Calif.

Fred H. Amon, technical director of the carbon black operations of Godfrey L. Cabot, Inc., Boston, is acting as technical consultant in the Office of the Rubber Director and is spending about half his time in Washington.

B. & C. Tank Coating Company, is the firm name under which Norris E. Bunch and Jack B. Clark have published a certificate that they are conducting business at 4445 East Fifty-second street, Maywood district, Los Angeles, Calif.

George M. Suthein, of the Atlantic Calsomine Company, has delivered three lectures on "Emulsions—Particularly with Their Use in Emulsifiable and Emulsion Paints" before Dr. J. J. Mattiello's Class in Varnish Technology at the Brooklyn Polytechnic Institute.

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Oils, Fats, and Waxes

Oils and fats continued to be allocated to regular consumers at a steady pace during the week, while new business was merely routine. The market remains firm at ceiling levels. Inedible fats, which were easy last month, have developed a stronger tone during the past fortnight and now were firmly held at ceilings. This has been true of lard, tallow and grease and other animal fats. Demand for better grades of tallow and grease was larger than the supply. Vegetable oils, both domestic and foreign, continued steady and in most instances were not in heavy supply.

Importers of olive oil who cabled their sources of supply in Spain requesting offers and prices for shipment of oil, following the announcement by the War Food Administration that it had made arrangements with the Government of Spain for the exportation of 3,000 tons of olive oil, had not received replies late in the week and could not quote for prompt or nearby shipment.

The extraordinarily large olive crop in Spain this year has permitted greatly increased production of olive oil and, consequently, much wider distribution of this commodity to Spanish provinces and possessions. Shipments of edible olive oil from Malaga during the month of June, 1944, amounted to 8,794,488 kilograms, an increase of more than 100 percent over 3,809,243 kilograms shipped in June, 1943. Shipments of this commodity during the first half of the current year totalled 41,456,955 kilograms, compared with 21,359,723 kilograms in the corresponding period of 1943.

The War Food Administration has suspended until December 1, 1944, the provisions of WFO 37 and 53 which for more than a year have limited, in varying degrees, the use, processing and delivery of sperm oil, animal, neatsfoot and distilled red oils. As a result of the suspension of WFO 37, effective September 1, 1944, sperm oil may be used for any purpose, but users of more than 500 pounds per month still are required to report their use to the Bureau of the Census on form BM-1. Producers and distributors of animal, neatsfoot and distilled red oil also are required to continue making monthly reports to WFA on form FDA-476.

WFA orders 86 and 87 which limited the soap and fatty acid inventories of industrial users were terminated August 25, the supply situation having eased.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
192.7	192.7	192.7	195.4

Vegetable Oils

Coconut.—Receipts totaling 2,116 tons were reported for delivery against former contracts.

Oiticica. — Small-lot trading was noted for spot delivery at 20⅜c. and 20½c. per pound, in drums, depending upon seller. Sales for nearby delivery were made on the same basis. Offerings for nearby and forward shipment from Brazil were scarce owing to the scarcity of drums and barrels, and the uncertainty as to the arrival of replacements has given a stronger tone to the forward positions.

Soybean.—Business was moderate with sales going through for crude and refined oils at ceilings for September delivery.

Purchases of soybean oil amounting to 38,614,626 pounds at the f.o.b. cost of $5,179,896 during the month of July for lend-lease and 10,000,000 pounds of soybeans at the f.o.b. cost of $399,167 were reported by the War Food Administration.

Flaxseed

Demand for seed continued active with crushers purchasing moderate lots for prompt and nearby delivery at the ceiling.

Minneapolis, Aug. 23.—Operators were buying and crushing flaxseed at full tilt at Minneapolis last week.

Offerings from the country were in lighter volume and buyers were perfectly willing to pay the $3.10 ceiling price on all the flax they could obtain.

Crop movement in bushels follows:—

	Receipts 1944	Receipts 1943	Shipments 1944	Shipments 1943
This week	726,000	2,382,000	234,000	453,000
Since Sept. 1	23,159,500	20,307,000	3,559,000	2,570,000

The week's closing flaxseed price range was as follows:—

	Cash	...
Saturday	$3.10	$3.10
Monday	3.10	3.10
Tuesday	3.10	3.10
Wednesday	3.10	3.10
Thursday	3.10	3.10
Friday	3.10	3.10

Buenos Aires, Aug. 25.—Flaxseed shipments to the United Kingdom were 110,000 bushels and 8,000 bushels to other points during the past week. Visible supply was estimated at 5,905,000 bushels. Flaxseed for export was quoted at $2.62½ per bushel, U. S. funds; Rosario, $1.61⅛ per bushel.

Hull, Aug. 25.—Bombay, August, £33; Calcutta (no quotations); La Plata, August, £22½ per ton.

Linseed Meal

Buying interest in meal continued active during the week. Market held steady. Inquiry for future delivery mounting.

Minneapolis, Aug. 23.—Linseed meal demand continued brisk. Recession in demand for feedstuffs of all kinds was not reflected in meal as it was the lowest priced of the high-protein feeds.

Shipments of linseed meal in pounds were as follows:—

	1944	1943
This week	11,580,000	10,980,000
Since Sept. 1	555,834,700	514,960,000

Linseed Oil

Conditions in the linseed oil market continued on a firm basis, irrespective of limited demand. Raw oil was held at 14.7c. per pound, in tankcars and tankwagons, with scattered sales noted for prompt and nearby delivery.

Purchases of 500,000 bushels of Camills on the Atlantic seaboard and some Argentine seed, the quantity undisclosed, for October delivery will help to relieve the tight seed situation in the East.

Purchases of edible linseed oil totaling 17,000,000 pounds at the f.o.b. cost of $2,414,000 during July was reported by the War Food Administration for lend-lease.

Minneapolis, Aug. 23.—Oil buyers were

Cottonseed Crushings Report: Aug.-July

Cottonseed received at mills, crushed and held, and cottonseed products manufactured, shipped out and held from August 1, 1943, to July 31, 1944, as compared with the preceding period, according to the Census Bureau, were as follows:—

Cottonseed

	Tons 1944	Tons 1943
Receipts	3,983,513	4,616,084
Crushed	3,953,588	4,497,779
On hand July 31	118,701	90,336

Crude Oil

	Pounds 1944	Pounds 1943
Produced	1,235,938	1,400,534
Shipped	1,233,398	1,402,085
On hand July 31	30,186,000	23,283,000

Refined Oil

	Pounds 1944	Pounds 1943
Produced	1,155,047,000	1,304,380,000
Shipped	.....	.....
On hand July 31	241,270,000	207,409,000

Cake and Meal

	Tons 1944	Tons 1943
Produced	1,834,054	1,994,611
Shipped	1,824,820	2,166,169
On hand July 31	27,776	18,542

Hulls

	Tons 1944	Tons 1943
Produced	926,451	1,085,034
Shipped	923,738	1,117,188
On hand July 31	14,677	11,964

Linters

	Bales 1944	Bales 1943
Produced	1,183,115	1,355,197
Shipped	1,255,983	1,262,565
On hand July 31	63,059	135,927

For Current prices see alphabetical listing beginning on page 9.

Wm. Diehl & Co.
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Single Pressed and Double Pressed
Available in either cake or flake form
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RUFATS
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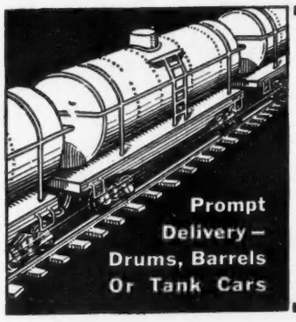

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reticent to come in the market for any volume of supplies.

Shipments from Minneapolis continued at a good pace with lend-lease purchases moving out on schedule. Production continued to hold up. Prices continued firm at ceiling levels.

Shipments of linseed oil in pounds were as follows:—

	1944	1943
This week	9,620,000	5,580,000
Since Sept. 1	362,948,000	161,770,000

Cottonseed Oil

Trading in cottonseed oil futures was light during the week, with sales in May and July oil at slightly lower levels. Offerings of futures were limited but buying interest also was backward.

Offerings of new-crop crude oil was restricted as yet with refiners manifesting an increased inquiry. Crushing operations were two weeks late in the Southeast and were expected to start within the next two weeks.

The effective date of the provision that permits manufacturers or processors of margarin to apply for an adjustment of their maximum prices, where they claim to have a new or a better product than they manufactured in March, 1942, has been advanced from August 22 to September 22, 1944, the Office of Price Administration announced.

Neutral lard and refined pork fat can only be exported to Group K and V destinations under an individual license after August 25, the Foreign Economic Administration announces.

War Food Administration announced the shipment for lend-lease during the month of July of the following materials:—Lard, 82,450,066 pounds; rendered pork fat, 377,221 pounds; oleo oil and stock. 347,886 pounds; oleomargarin, 6,894,077 pounds; shortening, 2,888,490 popnds, and vegetable oils, 29,313,828 pounds.

Purchases of lard totaling 31,879,000 pounds, at the f.o.b. cost of $4,125,409, were reported by the War Food Administration during the month of July for lend-lease and other purposes.

Bleachable oil prices follow:—

	Cents per pound in tanks— High.	Low.	Close.
September	....	....	14.31 nom.
October	....	....	14.00 nom.
December	....	....	13.75 nom.
March	13.45	13.45	13.45-13.50
May	....	....	13.45-13.50
July	13.45	13.45	13.40-13.50

Total sales, 2.
Cash, 14.31c. nom.
Crude, Southeast, 12¾c.; Valley, 12⅝c.; Texas, 12c. (all ceiling prices).

Memphis, Aug. 24.—Owing to the lateness of the seed movement mills still reluctant to sell ahead. Memphis mills expect to start crushing about September 15. Frequent showers delaying cotton picking. Army worms making appearance, but threat not serious yet.

Cake and Meal

Trading in linseed meal continued active in the Midwest for prompt and forward delivery at ceilings. Mills in the Southeast were not offering new-crop cottonseed cake and meal for nearby and forward delivery, owing to the late seed movement. Crushing is expected to start about the middle of September.

War Food Administration reported purchases on August 9 of soybean meal, minimum crude fat, amounting to 400 tons at $54.25 per ton, and 400 tons at $48.62 per ton in bags, f.o.b. Decatur, and 200 tons at $61.48 per ton, bags, f.o.b. San Francisco. Also 200 tons of linseed meal at $48.61 per ton in bags, f.o.b. Long Beach, Calif.

Fatty Acids

Consumption keeping up in good volume. The market continued firm in sympathy with the strength in raw materials. Prices were held at ceilings.

Chicago, Aug. 23.—Fatty acids are in good call. The tone of the market is firm at ceilings.

Fats and Greases

Grease.—Trading was active in the West during the week, principally in the better grades, while lower quality greases continued in liberal supply and were sold about ¼c. per pound under ceilings.

Tallow.—This market featured by an active demand with litttle stock available. Sales were noted at ceilings especially for the better varieties.

Fish Oils

Cod.—Receipts of Newfoundland cod oil totaled 90 drums and 60 casks for delivery on prior contracts.

Menhaden.—Refined in fair request, while interest in crude continued slow. Offerings of government-held oil not attracting buyers' attention.

Sperm.—War Food Administration has suspended until December 1, 1944, provisions WFO 37 and, effective September 1, sperm oil may be used for any purpose, but users of more than 500 pounds per month still are required to report their use to the Bureau of Census on form BM 1.

Olive Oil Ready For U.S. in Spain

OPD Washington Bureau

The War Food Administration has made arrangements with the Government of Spain for the exportation of 3,000 tons of olive oil to the United States. The oil may be purchased through regular trade channels by private interests.

Olive oil was among the several oils returned to private trade by WFA several months ago and no permit is necessary to import it.

Margarin Production Lower in June

Production of margarin during June amounted to 40,189,024 pounds. This compared with 45,240,340 pounds in May and 36,055,703 pounds in June last year, according to statistics compiled by the Bureau of Internal Revenue, Washington. A comparison of production in June with the same month last year follows:—

	Pounds 1944	1943
Production of uncolored oleomargarin	*25,707,904	†22,821,801
Withdrawn tax-paid	26,694,756	23,130,174
Used in Uncolored Margarin		
Butter culture	12	29
Butter flavor	230	162
Citric acid	103	1
Corn oil	763,916	1,060,523
Cottonseed oil	11,135,626	9,510,375
Cottonseed stearin	15,457	5,000
Derivative of glycerin	38,900	45,312
Diacetyl	34	42
Estearin	6,846	.....
Lecithin	27,520	24,519
Linseed oil	.....	2,109
Milk	4,560,969	3,973,050
Monostearin	23,930	20,652
Neutral lard	321,870	408,094
Oleo oil	452,961	668,549
Oleo stearin	270,606	191,485
Oleo stock	43,462	101,116
Peanut oil	256,840	712,529
Salt	764,978	729,198
Soda, benzoate of	17,108	15,076
Soybean oil	7,677,109	6,006,351
Soy flakes	.....	4,100
Tallow	.....	23,400
Vitamin concentrate	4,960	4,124
Total	26,383,437	23,505,796
Production of colored oleomargarin	14,481,120	13,233,902
Withdrawn tax-paid	894,438	200,418
Used in Colored Margarin		
Butter culture	.....	75
Butter flavor	173	118
Citric acid	.....	2
Color	8,520	5,987
Corn oil	559	4,681
Cottonseed oil	345,899	225,727
Derivative of glycerin	14,532	21,768
Diacetyl	39	40
Estearin	1,707	.....
Lecithin	5,282	4,552
Linseed oil	224,250	800
Milk	2,278,445	1,986,683
Monostearin	9,741	7,152
Neutral lard	259,439	99,227
Lard flakes	18,807	.....
Lard stearin	.....	11,949
Oleo oil	650,717	337,064
Oleo stearin	507	1,200
Oleo stock	118,520	95,641
Peanut oil	241	152
Salt	477,543	451,509
Soda, benzoate of	9,953	10,488
Soybean oil	10,087,327	9,933,639
Soy flakes	9,600	.....
Vitamin concentrate	2,808	2,915
Total	14,524,614	13,201,369

Note.—The figures for June, 1944, are subject to revision until published in the commissioner's annual report.

* Of the amount produced, 22,295 pounds were reworked.

† Of the amount produced, 76,235 pounds were reworked.

Baltimore, Aug. 23.—The menhaden fishing continues bad, showing no improvement for the third week. The current season has proved a disappointment to date and may be one of the worst on record from the standpoint of oil pro-

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duction. At the same time the demand for oil lags, and offers of supplies elicit no response from the big buyers. Prices unchanged at ceilings.

Waxes

Buying interest in the local market was dull during the week. Prices were firm for all grades with the exception of candelilla wax, which was easy under competitive selling.

Carnauba receipts were reported totaling 2,651 bags, the bulk of which were delivered to consumers against prior contracts. Interest in forward shipments moderate with some contracts placed for December-February.

Ouricury was in fair resquest for spot and nearby delivery at ceilings.

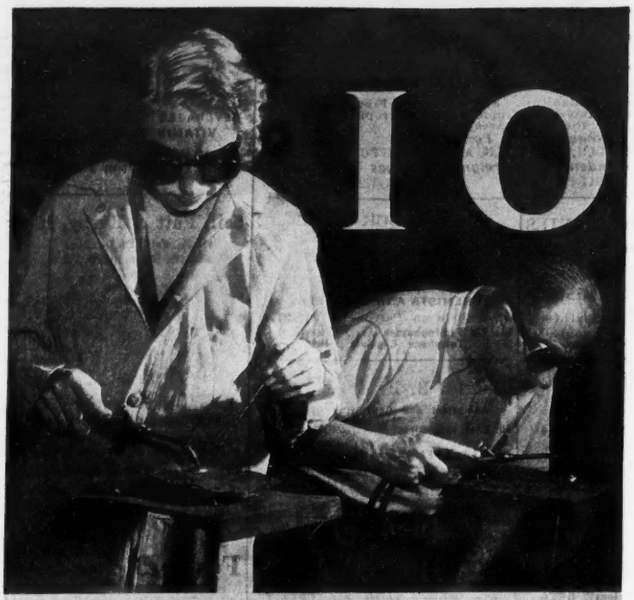
Trading in beeswax was slow and receipts of 147 bags were reported for delivery against previous orders.

Ohio Oil Company, Los Angeles, is planning to erect a gasoline refinery and cycling plant in the South Coles Levee oil field near Bakersfield, Calif.

Supplee Heads Research Firm

Dr. G. C. Supplee, formerly associate director of research for the Borden Company, heads a new analytical and research organization, known as the G. C. Supplee Research Corporation, with principal offices and laboratories in Bainbridge, N. Y. Consulting and analytical and vitamin technologic services in the fields of nutrition, therapy, and biochemistry are to be provided by the new firm. Associated with Dr. Supplee are C. B. Martin, V. J. Asbaugh, and Howard Hinton, respectively president, vice-president and secretary, and treasurer of Durham Dairy Products, Inc., Durham, N. C.; and E. C. Rowe, Norwich, N. Y., formerly head of the Borden legal department.

Rudolf Sonneborn has been elected chairman of the National Council of the United Palestine Appeal, fund-raising agency for the Jewish settlement in Palestine.



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Manufacturers of stock feeds also use Iodized Salt or various Iodine mixtures—some straight Potassium Iodide USP, others one of the 90-10 mixtures, the 10% being Calcium Carbonate or Magnesium Carbonate or Calcium Stearate.

The latter Potassium Iodide mixture containing Calcium Stearate is known as Stabilized Iodine, for Calcium Stearate tends to stabilze the iodine against oxidation.

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Drugs and Fine Chemicals

Trading in the drug and fine chemical market was comparatively quiet last week. The leading manufacturers found inquiries and demand present on a somewhat reduced scale and that condition of affairs prevailed in practically all divisions of production. Prices remained steady, the sole change being a reduction in catechol.

The War Food Administration continued to sell citric acid from its stockpile at the direction of the War Production Board which body turned 29,700 pounds over to distributors who presumably had firm orders from buyers having WPB approval. WFA says that there is no surplus of acid and that the use of "surplus" in connection with WFA sales from stockpile is unfortunate.

The War Production Board removed non-crystalline sorbitol and crystalline mannitol from allocation control of August 22. The WFA reported that the milk sugar industry advisory committee had recommended that WFA suspend allocation control so long as the present balance between supply and demand is maintained. Production this "crop" year is expected to more than double that in 1943, expansion being the result of the industry shifting to cheese whey as raw material in place of casein whey. WPB ended allocation of methyl bromide.

Producers of roller process milk powder were notified that the WFA set-aside order covering September production had been cancelled; the set-aside previously ordered was 35 percent. Producers still must set aside 60 percent of their spray process output for the government. The known needs of WFA for the next six months, and its stock position, made the cancellation possible.

Announcement of the plans of one producer to resume production of berberine caused something of a ferment to develop in the market and there appears to be more behind the situation as relates to government and industry than meets the eye. One of the largest collectors of xanthorrhiza root said he had not collected or sold a pound this year. Mention was made last week that coptis trifolia root is the domestic botanical with the largest berberine content—8 percent—against the 1 percent of the more plentiful xanthorrhiza.

Market Trends

Prices Advanced

None

Prices Reduced

Catechol, c.p., 10c. per lb.
Formaldehyde, 4/10c. per lb.
Hexamethylenetetramine, 1c. per lb.
Paraformaldehyde, 2c. per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
239.5	239.5	239.5	241.0

Acid, Citric.—War Food Aministration says there is no surplus of citric acid, and regrets that the acid which it has recently sold from its stockpile to buyers designated and approved by the War Production Board was ever called a "surplus." WFA says the supply is tight. Further sales by WFA have been reported, two lots of 3,740 and 11,000 pounds, respectively, having gone at 21.526c. per pound, and a third, totaling 14,960 pounds, went for 20½c. Those who got the acid were called by WPB established jobbers or resellers, and therefore entitled to receive authorizations to purchase and accept delivery. WPB stated later that the sale involving 11,000 pounds at 21.526c. per pound was an overcharge; the sale should have been made at 20½c., and that the buyer will receive a refund from WFA of the difference over the ceiling. It is recalled that when WFA began to sell goods which it had previously bought, it announced a policy of selling through regular trade channels—which might mean that even a speculator who had sold regularly and who had an approved buyer might bid for merchandise successfully.

Berberine.—All is not sweetness and light in this matter of restoring berberine to prompt delivery position in this country. Beneath the surface is a ferment that is likely at the very least to change the picture from one in which a single producer appears to another revealing at least two figures. Inquiry made in the primary market supplying xanthorrhiza root brought the reply that one of the largest collectors—one who would naturally be approached if root was wanted—has neither collected nor sold any root to this time. During the period it developed that the botanical containing the greatest amount of berberine is coptis trifolia root, known domestically as gold thread root.

Castor Oil.—Oil moved steadily and consumption accounted well for the at present very good production of this material. Arrivals of castor beans totaled 8,506,650 pounds, bringing the total since January 1 to 175,743,540 pounds. The latter figure compared with 190,133,150 pounds during the corresponding period last year.

Chicago, Aug. 23.—Orders for castor oil remain fairly good while the market undertone is firm and the outlook in the market as a whole is reported favorable. Prices are:—Cold pressed, U.S.P., returnable drums, car lots, 14½c. per pound; drums, less than car lots, 15¼c.; tanks, 13¾c.; No. 3, extracted, returnable drums, car lots, 14¾c.; drums, less than car lots, 15c.; tanks, 13½c.

Catechol.—Quotations on c.p., crystas have been reduced 10c. per pound and the present prices are $2.15 per pound in standard units of 100 pounds; smaller lots, $2.30.

Fishliver Oils.—Arrival of 140 barrels of fishliver was reported locally where the market for oil was strong with sales being made at never less than ceiling limits. Supplies were on the tight side.

San Francisco, Aug. 23.—Lack of supplies and continuing demand is a regular feature of this market. Arrivals of soupfin shark carcasses in Seattle for week ending Aug. 18 is reported at 3,500 pounds, with livers estimated at 10 percent of this figure.

Glycerin.—The plentiful supply of glycerin is steadily easing the delivery position of materials which, when glycerin was scarce, were bought as a substitute for the difficult to obtain item. Although lend-lease and government requirements bulk large over the balance of this year, refiners believe that they will be able to create a stockpile.

Chicago, Aug. 23.—Sales of glycerin are continuing at good levels. Buyers are reported showing persistent interest and tone of the market generally is described as healthy. Prices for both chemically pure and high gravity are:—Tankcar, 18c. per pound; drums, car lots, 18¼c.; drums, less than car lots, 18¾c.

Hexahydric Alcohol.—WPB removed all allocation controls from commercial grade non-crystalline sorbitol, technical grade d-sorbitol and crystalline mannitol by means of an order issued August 22.

Hydrastine.—The raw material situation fails to forecast more than moderate quantities for the production of hydrastine and a tight position for the latter is expected to continue.

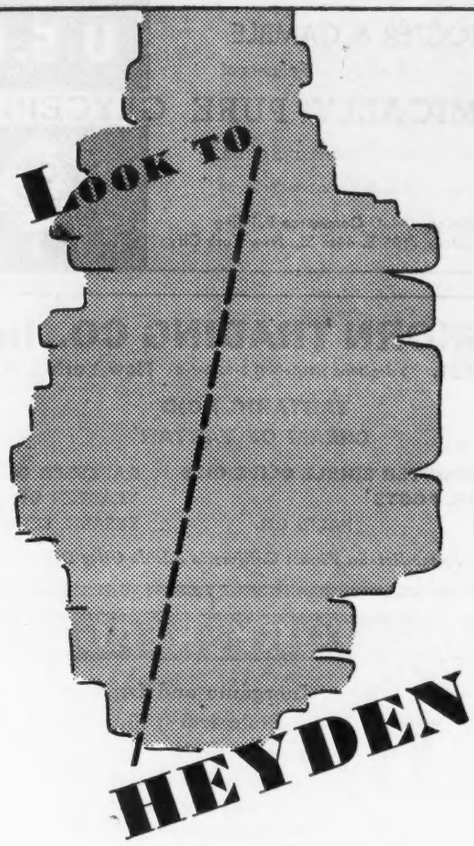
Mannitol.—Crystalline material removed from allocation August 22.

Menthol.—Reports from Brazil state that further applications for the export of ming oil containing between 75 and 80 percent of menthol will not be considered favorably. Exportation of dementholized oil will be continued. The report said that dementholized oil still contains between 50 and 60 percent of menthol—which would appear to be a far higher menthol content than prewar dementholized Japanese peppermint oil. It is even about as rich in menthol as domestic peppermint oil. The record shows that in Indiana, the menthol output of the 1938 crop ranged 35.59 percent to 53.59 percent; 1939, 27.88 percent to 42.12 percent; 1940, 37 percent to 54.8 percent. From the figures mentioned in Brazil, it appears that menthol extraction there is about 25 percent of the total content.

Methyl Bromide.—The War Production Board ended allocation control of this fumigant.

Milk Powder.—The War Food Administration has cancelled a previ-

For Current prices see alphabetical listing beginning on page 9.



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ously announced set-aside requirement of 35 percent of September production for producers of roller process milk powder. The set-aside requirement on production prior to September 1 remains in effect and government agencies will continue to buy roller powder as offered by the industry. Cancellation was ordered because of the increased production and the favorable stock position of the government relative to known requirements during the coming six months. The 60 percent set-aside for spray process powder for August and September continues. The cancellation is expected to increase the average monthly supply of 25,000,000 to 30,000,000 pounds available for domestic use in the coming six months. That will be double the amount of the average quantity available during the past year.

Milk Sugar.—The industry advisory committee recommended to WFA that the allocation provisions of WFO No. 95 be suspended for as long as the present balance between supply and requirements is maintained. They asked, however, that producers be required to continue reports on production and stocks. The current "crop" year is expected to reach 15,000,000 pounds, or double that in 1943. The expansion in production was characterized by increased use of cheese whey as raw material instead of casein whey.

Quicksilver. — When Russia recovered her mercury mines in the Donets basin from the Germans, she found that the Germans had destroyed them systematically. Russia went to China for supplies and the War Production Board covered the purchases with priorities on American aircraft flying the Hump from China to India, whence the quicksilver was moved by land to the factories in Russia. The spot market was as uninteresting as the report of Russian-Chinese-American cooperation just mentioned was interesting. Stocks were on the low side and prices showed full strength in all directions.

San Francisco, Aug. 23.—Market interest maintained and sales continuing, with producers quoting metal between $100 and $105 per flask, f.o.b. San Francisco.

Sorbitol. — Commercial and technical grades non-crystalline material removed from allocation control by WPB August 22.

Vitamins. — Deliveries of various vitamins at shipside during July and for export under the lend-lease act were:—Carotene, 64,441 million units; diacetone gulsonic acid, 1,102 pounds; nicotinic acid, 13,999 pounds; riboflavin, 11 pounds; sorbose, 4,400 pounds; vitamin A fishliver oil, 4,217,228 million units; vitamin B-one, 15,702 pounds; ascorbic acid, 12,757 pounds; nicotinamide, 16,038 pounds.

Metalsalts Corp. Expanding

The Metalsalts Corporation, Paterson, N. J., producer of redistilled mercury and mercurials, has acquired the tract of river-fronting land adjoining its present plant. The additional property is to be used for expansion in the company's post-war schedule. The plans for new products, additional employment, and expanded selling efforts have already been drawn, according to William Stieh, president of the corporation.

N.W.D.A. Backs Paper Saving

The National Wholesale Druggists' Association is having its members supplied with WPB paper conservation pledges, to be distributed among their retail customers. The member houses are asked to see that the pledge cards are distributed among their customers immediately by salesmen or in shipments of goods. They are asked to be sure that all customers are covered and to urge the retailers to do everything possible to meet the pledge.

A.Ph.A. Supplies Forms For Alcohol Tax Drawbacks

To help pharmacists obtain the refund of two-thirds of the $17.10 tax they are now paying on each wine gallon of U.S.P. alcohol, for which they are eligible, the American Pharmaceutical Association is making available at cost a kit containing all material that the pharmacist will need to obtain the drawback.

Those wishing the material may send 50c. with their request to the editor of the Journal of the American Pharmaceutical Association at 2215 Constitution avenue, N. W., Washington 7, D. C.

National Drug V.P.

E. R. Clinton, who joined the National Drug Company, Philadelphia, as sales manager in 1940 and has been vice-president in charge of sales, has been elected vice-president of the company and a member of its executive committee and appointed chairman of the research committee.

Nopco Vitamin Division Revamps Personnel

The vitamin division of the National Oil Products Company has announced the following personnel changes and promotions:—

Sales departments:—Leslie M. Brown, transferred from manager, agricultural department, Harrison, and assigned to special duties, directly responsible to Perc S. Brown, vice-president in charge of the vitamin division. Franklin Fader, appointed director of advertising and promotion, to continue present activities as director of market research. Ruth L. Herman, promoted to supervisor of the combined office forces of agricultural and "Vitex" departments.

Production department: — Robert W. Davis promoted to chief chemical engineer for all vitamin production units. Robert J. Kingsley, promoted to new post as assistant to Arthur Larry in raw material purchasing. Michael C. Knoth, promoted from acting manager to manager of Richmond, Calif., plant. Elmer Heydt, promoted to production manager of vitamin production units at Harrison. Arthur Wagner, promoted to new post as assistant production manager of Harrison vitamin production units. Emil Accampo, promoted to acting production supervisor, vitamin production, at Cedartown, Ga., plant.

Technical department:—A newly created department to be headed by Andre E. Briod, who is directly responsible to Perc S. Brown. Leo J. Mosch, promoted to head of mechanical department. Charles E. Dryden, promoted to new position as head of vitamin process development. Loran O. Buxton, promoted to head of new products laboratory. Archie B. Porter, confirmed as head of the vitamin pilot laboratory. Technicians Virginia Loucks, Jane Nagle, transferred to new products laboratory.

Dr. Kenneth Morgareidge has been promoted to director of the vitamin laboratories, and Dr. John R. Foy has been made head of the bio-assay laboratories.

Trade Briefs

Retalo Essential Oil & Chemical Company is a new concern in New York, incorporated with 100 shares of no par value. Its attorneys are Forst & Forst, New York.

Dr. T. C. Daniels has been made dean of the College of Pharmacy of the University of California, San Francisco, where he has been professor of pharmaceutical chemistry.

Aldehyde stabilization is discussed informatively in a two-serial article running through the July and August issues of *The Givaudanian*, published by Givaudan-Delawanna, 330 West Forty-second street, New York 18.

Upjohn Company, pharmaceutical manufacturer, Kalamazoo, Mich., has duplicated its 1943 grant of $5,900 for the study of better methods of penicillin production by the Industrial Science Research Institute at Iowa State College.

David J. Maxin, formerly drug merchandising director for the H. W. Kastor & Sons Advertising Company, has been engaged as director of merchandising research for Associated Distributors, Inc., and Dana Perfumes, Inc., Chicago.

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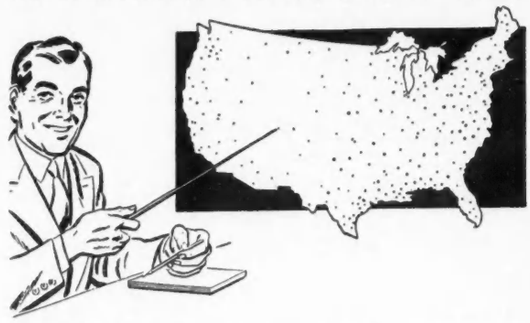

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Hormone Conference Dated For Sept. 18-23 in Canada

The Hormone Conference of the American Association for the Advancement of Science will be held in conjunction with the Montreal Physiological Society, September 19 to 23 in Mont Tremblant, Quebec. The conferees will assemble in Montreal September 18 for visits to McGill University and various laboratories. They will be entertained at luncheon by the Montreal society, and leave for Mont Tremblant, in the Laurentians, in the evening.

Sectional sessions are planned on steroid hormones, thyroid hormones, pituitary hormones, and experimental diabetes.

Schering Corp. Appoints Division Managers

Schering Corporation, pharmaceutical manufacturer, Bloomfield, N. J., appointed Herman W. Leitzow, of St. Paul, Minn., manager of its Eastern division. He will make his headquarters at the firm's home offices in Bloomfield. Carl H. Suding, of Indianapolis, Ind., has been made manager of the Central Division with headquarters in Chicago. James D. Booth, of Atlanta, Ga., has been made manager of the Southern division, with headquarters at Atlanta, Ga. Franklin K. Johnson becomes manager of the Western Division with headquarters at San Francisco.

Surplus Gov't Property

—Continued from page 3

The most important changes were to place a veto power in the hands of Congress over the sale of the oil pipelines built by the government, and making sale of properties costing more than $100,000,000 contingent upon approval of an advisory board.

Pipelines, Rubber Projects

As the bill now reads, pipelines are to be treated in the same manner as synthetic rubber and aluminum plants; that is, no sale of such properties which cost $5,000,000 or more may be made without first giving Congress six months within which to express its views. This does not apply, however, in cases where a firm already has an option, nor does it prohibit the administrator from leasing the plant for a term of not more than five years.

Disposition of surplus plants is more strictly limited in the senate bill than in the house bill. S. 2065 provides that no synthetic rubber plants and facilities, aviation gasoline plants and facilities, or pipelines may be disposed of until 30 days after the submission of disposal plans to Congress. It also provides closer safeguards against monopolistic aggrandizement by requiring the board, in the case of properties costing more than $1,000,000 which are put up for sale, to first seek the advice of the Attorney General on whether the proposed disposition would either violate the antitrust laws or encourage monopoly or undue concentration of industry or commerce or restrain competition substantially.

Chemical Plants

The senate bill also calls for the review of each option by the Attorney General to determine its validity and options are not to be honored where they are against public policy. In the case of the chemical plants constructed for war by the government, it is understood that virtually all of them carry an outstanding option to purchase in favor of the operating contractor. The senate committee found that this was also true in most other industries and reported Attorney General Biddle as questioning the validity of some of the options as against public policy.

The other big difference between the senate and house bills has to do with the jurisdiction over disposition of lands. While the house bill pretty much follows the present policy of turning these lands over to the RFC for disposal, the senate bill divides these up as between the Department of the Interior and the Department of Agriculture, leaving only industrial building sites for disposal by the RFC.

WPB Stockpiles

—Continued from page 5

power problems facing the fabricators.

After the industry divisions have prepared revisions of their stockpiling programs in the light of the new policy, their recommendations will be reviewed by the Mineral Resources Operating Committee, the Leather Bureau Stockpile Advisory Committee, and a third committee set up by the Office of the Operations Vice-Chairman.

Reserve stocks are defined as the amounts in excess of ordinary working inventories of both producers and consumers as determined by industry divisions concerned. They include any industry stocks in excess of working inventories, plus domestically-held government stocks of raw materials, whether owned by the Reconstruction Finance Corporation, Treasury Procurement or the Armed Forces.

Resources Development

—Continued from page 3

the bill) is authorized to engage in continuing activities:—

(a) To aid the proper use, conservation, and development of the natural resources of the Missouri Valley region, and with a view to the coordination and integration of programs, projects, and activities of agencies having an interest in developing the resources of the region for the purpose of increasing efficiency and eliminating waste and duplication of effort, and to provide for the general welfare of the citizens of said region, the corporation is hereby authorized, by such means or methods as it may deem proper to make such surveys, investigations, studies, and plans for the Missouri valley region as may be useful to the President, the Congress and the several States in guiding and controlling the extent, sequence, and nature of development that may be equitably and economically advanced through the expenditure of public funds, or through the guidance or control of public authority, all for the purpose of fostering an orderly and proper physical, economic, and social development of said region.

(b) The corporation is further authorized to undertake such engineering and economic research and demonstrational work as it deems necessary or appropriate (1) to develop its studies and plans; (2) to test or demonstrate the feasibility of such plans; (3) to promote the wider and improved use of electric power and water for irrigation purposes, agricultural and domestic use, and for small or locally owned industries; and (4) more efficiently to develop or carry out any project or activity authorized under this act or entrusted to the corporation under any other act or administrative order. In order to carry out such activities, the corporation is authorized to acquire, construct, operate, maintain, and improve such laboratories and experimental stations as it deems necessary or appropriate.

Western Rail Freight

—Continued from page 3

in charge of the antitrust division, said that the complaint charges that the railroads (1) maintained freight rates for the western part of the United States which are higher than those fixed by the defendants for shippers in the East; (2) stifled the utilization of improved railroad technology; (3) deliberately delayed the delivery of perishable products; (4) collusively refused to permit the reduction of rates for the relief of drought-stricken areas; (5) conspired with the major oil companies to fix arbitrary and noncompetitive rates for the transportation by rail and pipeline of petroleum and petroleum products and that thus the advantage of low-cost shipment by pipe line was denied to the West; (6) conspired with motor carriers and water carriers to bring motor and water carrier rates up to the higher rail level; (7) retarded the development and growth of the trucking industry in the East.

It is further alleged that defendant J. P. Morgan & Co. and its predecessor, in fact participated in the organization of the Association of American Railroads; that these banking firms are represented on the committee of directors established by the Western agreement, and have taken part in the collusive fixing of non-competitive rates; and that they have collaborated through their representatives on the committee of directors to coerce officials and defendant railroads from reducing rates and improving services and facilities of the Western railroads.

Wilson Quits WPB

—Continued from page 3

a rapid start on reconversion of industry as military operations manpower limitations would permit and that it was his staff which prepared the four-point program of reconversion now in operation and the major plan of reconversion now being given its finishing touches by the PEC, which is to go into effect with the collapse of Germany.

He added that he did not know until thirty days ago that War Mobilization Director Byrnes had issued an order to Mr. Nelson last April to proceed with a program of reconversion.

Lieut. Commander Krug, previous to accepting a commission in the Navy a few months ago, was chairman of WPB's Requirements Committee and vice-chairman in charge of programming. Previous to joining WPB Lieut. Commander Krug served as chief engineer for the Tennessee Valley Authority and joined WPB at the beginning of the war for the purpose of developing the power expansion program.

WPB Reconversion

—Continued from page 3

short civilian supplies are given first call on materials.

Mr. Wilson described the plan merely as a "suggestion" of a program to be followed, since it is contemplated that congress soon will be enacting a reconversion program that will set up the organization and outline the policies to be followed on this subject. Several bills have been introduced in both the senate and house, but as yet only one—the George bill S. 2051 providing increased unemployment benefits for workers thrown out of jobs—is nearing enactment.

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American Home Forms Companies for Exports

The American Home Products Corporation, New York, has formed two new companies to handle all its export business from the United States. The new organizations which start operations August 1 are under the direct supervision of Donald C. Townley, vice-president in charge of the foreign division.

One company, Wyeth International, Ltd., will export pharmaceuticals, biologicals, nutritional products and vitamins produced by Wyeth Incorporated and other American Home Products subsidiaries. Robert C. Hodgman is president of this company.

The other company, Home Products International, Ltd., of which Mr. Townley is president and Elliott Warburton, vice-president, will handle export sales of the corporation's food, household, cosmetic and packaged drug products.

Synthetic Rubber Adhesives Developed by Goodrich

Development of a new line of synthetic rubber adhesives is reported by the B. F. Goodrich Company, Akron, Ohio. One product is for general "utility" use and will adhere to almost any clean surface.

Synthetic cements are available for heat-vulcanization, air-curing, or cold adhesions. They have a nontoxic solvent, and are said to give an excellent bond with a large variety of materials. For metal adhesion, two special cements have been developed. The first is used with vulcanized neoprene when it is bonded to porcelain or metal, while the second is used with uncured neoprene for the same purpose.

Pharmacal Groups Meet In Cleveland Sept. 5-9

Pharmacal gatherings will mark the Labor Day week in Cleveland, Ohio. The nucleus will be the ninety-second annual meeting of the American Pharmaceutical Association in the Hotel Cleveland, September 7 to 9. The twenty-second Plant Science-Seminar is scheduled for September 5 and 6. The Conference of State Pharmaceutical Association Secretaries will hold its eighteenth annual meeting September 6 to 9. The Conference of Pharmaceutical Law Enforcement Officials will meet September 7 and 8. The American Society of Hospital Pharmacists will be in session September 6 to 9. The American College of Apothecaries will have its fourth annual gathering September 6 to 8. The National Association of Boards of Pharmacy will meet September 7 and 8. The American Association of Colleges of Pharmacy will hold its forty-fifth annual meeting September 6 to 8.

Martin Heads Research For National Drug Co.

Dr. Gustav J. Martin has been appointed research director for the National Drug Company, Philadelphia. He has been with the Warner Institute, New York, as assistant director in charge of the division of chemistry.

Dr. Martin is a member of numerous scientific societies and has published more than fifty papers in various scientific journals. His appointment is a part of a broad research program which the National Drug Company is undertaking.

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MANUFACTURERS OF ORGANIC MEDICINALS

Botanical Drugs, Spices, Gums

Expansion of the bridgehead established August 15 in southern France between Toulon and Cannes brought French troops into Marseille, the city from which many botanical drugs were exported in peacetime. Marseille was not only an export point, but was also a trading market where many exporters did business with the United States.

From Marseille came aconite leaf and root, althea flowers and leaves, anise, celery seed, coriander seed, cumin seed, ergot, fennel seed, fish berries, fleaseed or psyllium seed, lavender flowers, licorice root and paste, marjoram, mustard seed, St. John's bread, paprika, and vanilla beans—to cite a few among many botanicals of medicinal as well as condimental importance. Occupation of the port turned the thoughts of many importers toward the future resumption of exports of botanical drug merchandise.

The leading price features in drug items last week were reductions in prices on arnica flowers grown in this country, kamala, and locust bean gum. Condimental items came in for a rather thorough going over, with the trend being mainly downward, and there seemed to be little question but that the favorable trend in the war is bringing some price unsettlement in imported items, however unjustified, unwise or premature such a reaction may seem.

Sales of red squill are now on the basis of a fortified powder and raw material must pass tests by the Fish and Wildlife Service of the Department of the Interior, whose minimum standard for killing is that "3.5 to 4.2 grains of red squill, mixed with bait (one part squill to nine of bait), will kill in 72 hours 50 percent of three male rats weighing about three-quarters of a pound each."

Market Trends

Prices Advanced

Drugs

None

Other Articles

Ginger root, Calicut, ½c. per lb.
Mustard seed, Montana yellow, ½c. per lb.

Prices Reduced

Drugs

Arnica flowers, 75c. per lb.
Kamala, 2c. per lb.
Locust bean gum, 20c. per lb.

Other Articles

Caraway seed, Morocco, dewhiskered, 1c. per lb.
Spanish, dewhiskered, 1c. per lb.
Cardamom, bleached, 5c. per lb. decorticated, 5c. per lb.
Dillseed, dewhiskered, ¾c. per lb.
Laurel leaves, Cyprus, ¼c. per lb.
Marjoram, Chilean, 1c. per lb.
Oregano herb, Mexican, curly leaf, ½c. per lb.
flat leaf, 1c. per lb.
Sage, Cyprus, fair, ½c. per lb.
Savory, Spanish, 3c. per lb.

Comparative Price Indexes

Botanical Drugs

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
246.3	253.0	251.3	259.2

Balsams

Copaiba. — Comparatively quiet throughout the past week. Steady prices reflected well maintained replacement cost at the source.

Fir.—Movement was moderate most of the time but the total of jobbing orders was fair enough to make for steady maintenance of spot quotations.

Barks

Cinchona.—Supplies available for distribution under government allocation gained to the extent of 1,432 bales.

Elm.—The shortage is acute and relief cannot be expected earlier than the collection of another crop. Domestic and foreign users will have little this year.

Sassafras.—Strong in price mainly because of the high values established this year in order to encourage activity on the part of the workers in the collection areas. No surplus supply is likely this year in most quarters.

White Pine.—A moderate reserve has been created at comparatively high cost to dealers. Indications are for a demand equalling the excellent call last Winter.

Berries

Cubeb.—Gradual approach of Allied forces to the Dutch East Indies causes some to at least begin thinking about resumption of imports in the future. Inquiries reach the spot from time to time but go unsupplied.

Juniper.—Strong from whatever point of view. Collection costs ran high this year and have resulted in the establishment of a strong position that has also been assisted by the presence of good request, often on export account.

Beans

Vanilla.—Although there is nothing beyond the mere passage of time itself to suggest the early arrival of Bourbon beans on this market, the feeling is that deliveries against the numerous contracts now in effect will begin in the not far distant future. Certain it is that the expected beans left the primary market almost months ago. Not much of the total purchased to come forward remains unsold at this time and, hence, creation of a reserve supply in dealers' hands will not be likely.

Flowers

Arnica.—Domestic production has been larger than expected and offering of new crop goods has dropped the spot asking prices to the level of $2.50 to $2.60 per pound, the market remaining easy following the decline and tending further in favor of buyers.

Chamomile.—Argentine funds have been frozen in the United States, which makes for difficulty in getting further quantities of chamomile shipped to this country; the shippers have no way to receive payment. This condition tends to strengthen price views on this article.

Lavender.—Much of the country whence come French lavender flowers is now under occupation by American troops. Grasse, center of the industry, has fallen and Marseille, export point, was entered by French troops.

Pyrethrum.—Arrival of these flowers does not mean much to the ordinary civilian requirement of the country but stocks have gained to the extent of 1,295 bales.

Gums

Arabic.—Plentifully stocked in this market and available under conditions indicating the present of substantial competition between suppliers. Prices were not openly reduced, but they seemed to be subject to occasional shading. Demand was moderate.

Locust Bean. — In very good spot supply at comparatively easy prices. Said to be available as low as 55c. per pound and possibly a shade less under competition.

Herbs and Leaves

Digitalis.—A very fair-sized domestic production is expected, but much of the expected crop will never come on the open market.

Laurel.—Portuguese leaves were reduced to 19c. to 19½c. per pound. Cyprus and Turkish material were quotably unchanged.

Marjoram. — Chilean material was reduced to 34c. to 35c. per pound under competitive circumstances. Argentine held unchanged, but tended firmer because of the virtual impossibility of getting replacements. The French type from California is held very firm.

Oregano.—Curly leaf Mexican herb was lowered to 9½c. to 10c. per pound, and the flat leaf variety was down to 9c. to 9½c. per pound. Trade has been light enough to induce some weakness among holders.

Sage. — Fair quality Cyprus leaves were shaded to 16½c. to 17c. per pound.

Savory.—Spanish was sharply lower at 30c. to 31c. per pound, and buyers were not in the market very often last week, notwithstanding the weaker market.

For Current prices see alphabetical listing beginning on page 9.

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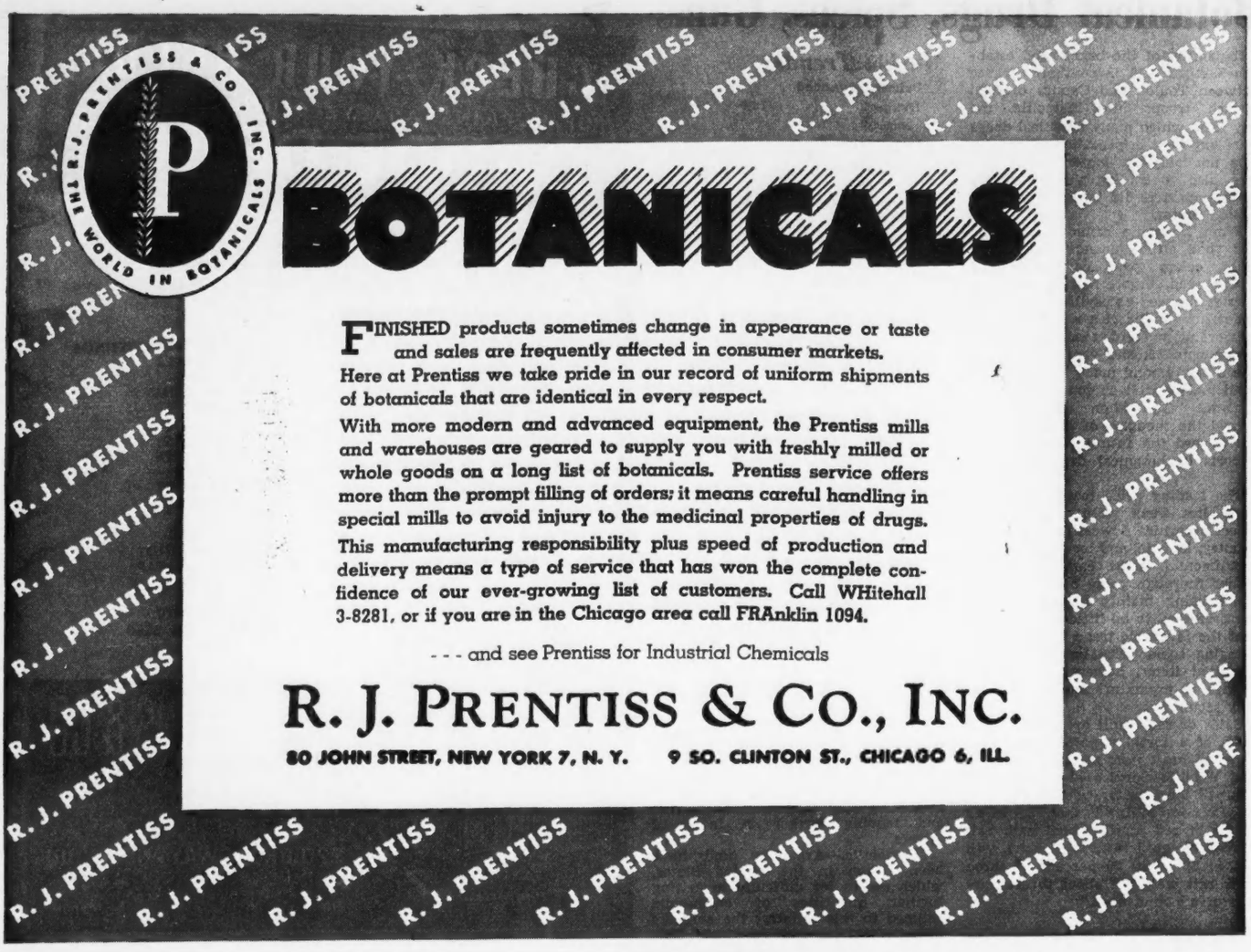
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Miscellaneous

Areca Nuts.—Further additions to spot supplies, amounting to 400 bags, failed to produce immediate easing of spot quotations.

Kamala.—The market was slightly easier and moderately lower at 40c. to 45c. per pound following additions to stocks in the amount of 53 bags.

Nux Vomica.—The first arrival reported over a substantial period of time amounted to some 400 bags.

Papain.—During the past week arrivals totaled 70 packages. Powder was not greatly inquired for last week, and the position seemed to be moderately easier and slightly more competitive.

Roots

Colombo.—Reported to be somewhat firmer and not available in exceptional quantities. Most merchandise in hand is earmarked for consumption.

Echinacea.—Stocks were on the conservative side, and outlook did not favor replacement in substantial quantities expected during this season of the year. Prices were very firm.

Gold Thread.—This botanical contains 8 percent of berberine, the largest amount found in any crude drug. The collection never is very large.

Ipecac.—Arrivals totaled seven bales, destined for allocation solely to strictly essential uses. No open market supplies can exist now.

Malefern.—Replenishment of spot stocks along moderate lines continues with a further arrival of 160 bags for the account of a single importer.

Squill.—Red squill, fortified, is priced at $2.25 per pound. None but fortified material is now possible of distribution by the processors. Fortified material requires three pounds of nonfortified drug, as imported, and effectvely is in part a powdered extract. Imports of red squill are now tested biologically by the research laboratory of the Fish and Wildlife Service, Department of the Interior, whose standard is set at 500-600 mg/kg. The standard set means that "3.5 to 4.2 grains of red squill, mixed with bait (one part squill to nine parts of bait), will kill in 72 hours 50 percent of three male rats weighing about three-quarters of a pound each." The information regarding the kill standard established did not say anything about the half rat that remains alive, nor did it say whether the fore or aft end of the rat succumbs to the 3.5 to 4.2 grains of squill in 72 hours. To establish which half of one rat remains alive would seem of biological importance when the overall purpose of administering red squill is considered.

Valerian.—Arrivals totaled 54 bags, and came to a steady but rather dull spot market that ruled at unchanged prices.

Hops Control Board Named by WFA

OPD Washington Bureau

Members to serve on the Hops Control Board under marketing agreement No. 100 and marketing order No. 63, which regulate the handling of hops, have been named by the War Food Administration. Members are:—

Brewers—Vincent M. Quinn, Peoria, Ill.; Charles J. Lick, Los Angeles, Calif.; William M. O'Shea, Chicago, Ill.; and C. W. Badenhausen, Newark, N. J.

Dealers—Ludwig S. Lyon, New York; Robert Oppenheim, New York, N. Y.

Grower-dealers—John I. Haas, Washington, D. C.; Ralph E. Williams, Jr., Portland, Ore.

Oregon growers—William Krebs, Jefferson, Ore., and Romeo Gouley, Brooks, Ore.

California growers—P. M. Rooney, Sacramento, Calif., and W. L. Brown, Ukiah, Calif.

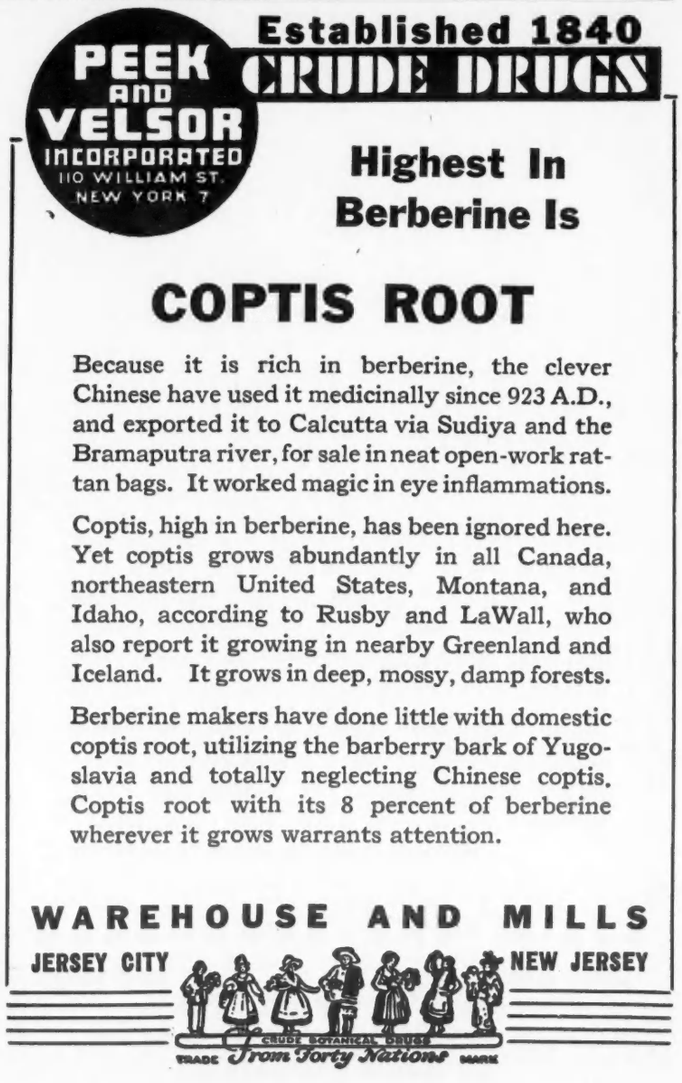
Washington-Idaho growers — J. D. McKelheer, Yakima, Wash., and Joseph Faucher, Wapato, Wash.

Area at large growers—Ben H. Gonter, Orting, Wash., and Dean H. Walker, Independence, Ore.

Seeds

Caraway.—Dewhiskered seed from Morocco was cheaper at 68c. to 69c. per pound. Spanish, dewhiskered, down to 66c. to 67c. Caraway seed, both the biennial and the annual type, is now being grown in this country as a result of the war, according to the Department of Agriculture. The biennial is the kind ordinarily grown, and in California fall planting has been found feasible and a time saver.

—*Continued on page 62*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Coptis, high in berberine, has been ignored here. Yet coptis grows abundantly in all Canada, northeastern United States, Montana, and Idaho, according to Rusby and LaWall, who also report it growing in nearby Greenland and Iceland. It grows in deep, mossy, damp forests.
Berberine makers have done little with domestic coptis root, utilizing the barberry bark of Yugoslavia and totally neglecting Chinese coptis. Coptis root with its 8 percent of berberine wherever it grows warrants attention.
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CRUDE BOTANICAL DRUGS From Forty Nations
TRADE MARK

Essential Oils, Other Aromatics

August 23 was a red letter day for those identified with the distribution of French essential oils and raw materials for perfume and cosmetic manufacture. By the oddest of coincidents, the gods of chance put American troops into Marseille at the same time that French patriot-civilians attacked German troops in Paris, and the Marseilaise rang through the streets of the partially liberated capital. By Friday, French and American troops had entered Paris in support of the revolting civilians.

Prior to the entry into Marseille, Americans troops occupied all of southeastern France devoted to essential oil manufacture. Grasse, center of the French industry, was occupied August 18 and by August 22, Barreme, another important production center, was in American hands. Then the forces spread out East toward the Rhone river, while also proceeding north as far as Grenoble. Thus did practically every town and village identified with essential oils take the first step back toward production, and liberation of Marseille returns them their old export port.

The importance of France, Grasse, and Marseille to the essential oil and perfume material trades in the United States is shown by the total French export of 1,262,700 kilos of essential oils; 476,400 kilos of synthetic perfumes and deodorants; and 104,000 kilos of vanillin and derivatives in 1936, the last year for which full figures are available. And a substantial part of the total came here.

The good news came in a week which, marketwise, was rather quiet. Reports failed to mention further exports of lemon oil from Italy, nor did they mention when the first shipment of bergamot oil would be made. The drought in both oils continued here. Bourbon geranium was lower and more plentiful. Stocks of ylang ylang and vetiver oils seemed larger but still not plentiful. The prospect for more than one million pounds of peppermint oil was taken in stride, while the impasse concerning prices on spearmint oil made the prospective decline in the crop of less importance than if dealers had not been virtually squeezed out of merchandising the article. Dill oil began to move against contracts.

Market Trends

Prices Advanced

None

Prices Reduced

Geranium, Bourbon, $1 per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
259.9	262.5	262.2	245.9

Essential Oils

Angelica.—Not offered liberally, but still to be had on the basis of $140 per pound for oil made from angelica root. High price curtails demand.

Bergamot.—The potential buyers of this article originating in Italy have settled down to period of quiet waiting for governmental agencies to act positively in the matter of fetching to this country the oil already bought by the army in Italy. Those who require something akin to bergamot must be content with imitation goods.

Bois de Rose.—Local stocks were rather tightly and in the hands of dealers they were generally small. Even manufacturing consumers hold but moderate reserves to apply on current operations in factories.

Calamus.—The last known sale was around $22 per pound, but at the present time it is next to impossible to turn up a spot supply of the item.

Cananga.—Stocks were definitely conservative, and those with supplies in hand were disposed to be reserved in accepting business. Prices were firm to strong.

Cedarleaf.—Holding firm despite the absence of progress improvement in the currently moderate volume of transactions.

Cedarwood.—The market position remained firm at a minimum of $1 per pound, which lined up with the strength at which replacement stocks of fair size were held by the primary market producers.

Citronella.—Quiet as to current demand and reasonably easy, as supplies were in fair shape and rather more than an ordinary amount of competition was current. Prices were not reduced further, however.

Coriander.—The 150 tons of Morocco seed recently brought to this country is understood to have been detained by the government because of insect excreta and weevil borings. Its release for distillation purposes probably could be secured. Moroccan seed is distilled in France. Domestic grown seed has been distilled in Ohio and in New Jersey.

Dill.—Considerable quantities are under contract and some movement to consumers has been reported. A very steady price prevailed in all quarters.

Eucalyptus.—Odd lots come to the market from time to time but there is no major holding available for sale nor is there likely to be soon. However, the shipping situation is easing in some measure and it may be that Australia will ultimately release increased quantities for general export.

Geranium.—Bourbon oil was reported in better supply and the price has eased to $13 to $13.50 per pound. Algerian oil was far from satisfactory position as regards supply and the market holds very firm.

Grapefruit.—The War Food Administration has not appeared as a buyer of this article for some time past. Current activity has also been light for a number of weeks. Spot stocks were not excessive last week.

Ginger.—Inability to get African root started to this country was reported again and confirmed as fact. Substantial quantities had been under engagement at Sierra Leone.

Lavender.—Virtually the whole French area given to the production of lavender flower oil is occupied by American troops. Last week, the troops that had landed August 15 at Cannes and had reached Grasse by August 18, had moved north and captured Barreme, the second largest essential oil production point in France. Later during the week, outspreading American forces occupied enough territory to suggest that the lavender flower oil producing towns of Annot, Castellane, Clamensanne, Digne, St. Auban, Senez, Thoard, and Vergens; also, Banon, Novers-sur-Jabron, Sault, and Sederon, had been liberated from German control. Hence, the fortunes of war have given liberation to the lavender flower oil district of France, the first step toward resumption of production and export. And since Allied troops entered Marseille during the week, the port for export of oil had also taken the first necessary step towards resumption of trade.

Lemon.—In the matter of Italian lemon oil eventually to be sent to this country, presumably for civilian use, it becomes increasingly difficult to distributors of this oil to agree that "he also serves who also stands and waits." About all dealers can do now is to wait—and there seems likely to be no early end to waiting. Meanwhile, the only oil available for ordinary business is the limited quantity eked out from the domestic production. If military needs take all the 100,000 pounds recently imported, then the drain on domestic production should decrease.

Lemongrass.—Arrivals totaled 100 drums of this article, the market for which was not too active but which, also, was very steady as to price.

Peppermint.—The peppermint crop news report dated August 15 and issued by the Bureau of Agricultural Economics stated that distillation in Indiana was about complete. Yields have been only fair, dry weather having reduced the average of output. Distillation in Columbia County and the Willamette valley in Oregon began in the first half of August and will be generally underway by August 25. Yields run ahead of last year substantially and since the planted acreage was up 18 percent over 1943, a new high in production was said to be indicated. Harvest of 600 acres in Cowlits County, Washington, has be-

For Current prices see alphabetical listing beginning on page 9.

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MANUFACTURERS OF AROMATIC CHEMICALS, NATURAL DERIVATIVES, PERFUME AND FLAVOR OILS

gun and test runs show above normal yields. The main crop in Yakima and Benton counties was still meeting dry growing conditions and lower yields were expected because of many new plantings this year.

Spearmint.—It looks like spearmint oil is in the position that prevails when an irresistible force meets an immovable object. Dealers here cannot buy new crop and sell it without running into red ink and, hence, they are likely to drop the article. The Office of Price Administration says that since it considers its official dollar and cents ceilings for both producers and dealers is fair and equitable, no rise in prices will be permitted by OPA. However, it may be doubted that this impasse will prevent the chewing gum manufacturers featuring a spearmint gum from buying oil. More than one road leads from the actual producer to the actual manufacturing consumer.

Aromatic Chemicals

Cinnamic Alcohol.—Firmly held and in fair request but deliveries were reported to be on a moderate basis.

Ethyl Acetate.—Numerous dealers had ceased to distribute because of the difficulty in getting any reliable supply and replacement thereof.

Methyl Salicylate.—Some reports suggested a greater availability of this material but so far as the usual distributors in the essential oil trade were concerned, it was doubted that they were better supplied. Considering the availability of raw material, the producers have done all possibly to be expected in the matter of distribution.

Methylnaphthyl Ketone.—Moderately supplied in some quarters while others lack supplies. Demand was moderate. Prices showed strength and stability.

Safrol.—No cheaper in price but still on the side of moderate ease as to supply and quotations. Demand was conservative.

A.F. duPont Relinquishes Finance Committee Post

A. Felix du Pont, vice-president of E. I. du Pont de Nemours & Co., Wilmington, Del., has retired as a member of its finance committee. He will continue to serve as a member of the directorate. Emile F. du Pont, production director of the nylon division, and a director of the company, was elected to fill the vacancy on the finance committee. The appointment of T. C. Davis, heretofore assistant comptroller, as an assistant treasurer also was announced. Mr. Davis will head the treasury division of the treasurer's department.

Hall Heads Cosmetic Sales For Whittaker, Clark & Daniels

James H. Hall has joined Whittaker, Clark & Daniels to head up the cosmetic sales and research department of the company. Mr. Hall recently resigned from Pond's Extract Company after ten years as director of research.

Aluminum Cans Prices Subject to OPA Approval

OPD Washington Bureau

The maximum price of aluminum cans, according to a new section in revised SR 14 to GMPR (amendment 163), "shall be a price approved by the Office of Price Administration or a price determined by a pricing method or formula approved by the Office of Price Administration." Prices or methods must be reported to OPA within fifteen days of a delivery to which they apply.

If OPA disapproves a submitted schedule, the selling price must be revised retroactively.

Heyden Offers Coldcream Base

A new base for cold creams is being offered by the Heyden Chemical Corporation, 393 Seventh avenue, New York 1. It is a derivative of pentaerythritol and is sold under the name, "Pentamul 126-S." The new base is suggested for use in creams of the usual cleansing type and in absorption creams, replacing lanolin in the latter. It is a semisolid amber-colored jelly.

Bims of Boston Golf

More than fifty Bims of Boston, and a goodly contingent from the New York chapter, gathered August 8 in a golf tournament at the Charles River Country Club. The prizes were won as follows:—Low gross, Robert Marsh, of A. N. Pierson, Inc.; low net, Ralph Stevenson, of Givaudan-Delawanna, Inc.; kicker's, M. E. Mourse, of Howe & French, Inc.; most pars, Charles Bond, of Thomas M. Royal & Co.

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KALAMAZOO, MICHIGAN

Petroleum Derivatives

With war requirements in high-octane aviation gasoline and other chemically-built-up petroleum derivatives absorbing the lion's share of all the naphtha specialties and lighter fractions, civilian needs in these petroleum derivatives as well as in fuel and lubricating oils remain largely unsatisfied, despite a further amplification of domestic production of crude oil and plans for stepping up the yields of American "stripper" wells and new pools to a new alltime peak of well over 5,000,000 barrels daily and notwithstanding the swelling of refinery operations to near-capacity proportions. And, in view of the call, recently made upon the nation's refineries to back the spectacular advances of the Allied fighting forces with a hugely increased output of 80-octane all-purpose military gasoline and a record-breaking yield of 100-octane gasoline, there is little likelihood of substantial easing of the tight supply situation for civilian users of these petroleum derivatives at least until the European war is ended.

Meanwhile, the war-created business in petroleum products of special types commanding relatively high prices is building up huge earnings for the thoroughly-integrated petroleum companies. Petroleum refining corporations, whose operations are recorded by the Department of Commerce have paid $134,100,000 in dividends during the first seven months of this year, compared with $119,600,000 for the corresponding period of last year. And it is now figured that the net incomes of all petroleum companies for the current quarter should be larger than those for any similar period in many years.

Solvents and Diluents

Aromatic Solvents. — With the demand for these high solvency aromatic naphthas exhibiting a seasonal diminution, processors of these finished products find themselves confronted with a possible contraction of allotments of xylene, the base from which these materials are made, which is now looming as a result of the further tightening of the benzol and toluol supply situations, due to increasing war requirements and an expected recourse on the part of the government procurement agencies to piece out the military requirements for these bases of high explosives with xylol. Buying interest is still reaching fair proportions in Class A and Class B types of the aromatic solvents and there is also a good inquiry for the aliphatics.

The Defense Supplies Corporation is offering out of surplus war materials, 143,686 gallons of aromatic naphtha, type 3, specification AN-VV-N-96, in 55-gallon drums, of which 40,000 gallons are at Topeka, Kansas, 6,565 gallons as Syracuse, N. Y.; 74,115 gallons at South Bend, Ind.; 17,172 gallons at Columbus, O., and 5,834 gallons at the 830th specification depot at Memphis, Tenn. Bids on these lots are to be submitted in writing to DSC at 811 Vermont Avenue, N.W., Washington 25, D. C.

Cleaners' Naphtha.—Still moving in sizable volume into both military and civilian dry cleaning channels, with prices firmly held throughout the list.

Lacquer Diluent. — Buying interest continues large, with the bulk of stocks going into war production work, Market steady.

Mineral Spirit. — Being shipped unceasingly and in considerable volume into consuming channels. Tone firm.

Rubber Solvent.—Virtually the entire production is being absorbed by the synthetic rubber manufacturers, so that little remains available to other consumers.

Stoddard Solvent. — While military dry cleaning channels are carrying away the lion's share of this fluid, there is also some buying on civilian account. Prices well maintained.

V. M. & P. Naphtha. — An undiminished movement continues to be noted with those engaged in war production work procuring the greater part of the offerings. Market strong.

Market Trends

Prices Advanced

None

Prices Reduced

Gasoline, Western Pennsylvania, leaded, 70-74-octane and 80-octane, ½c. per gal.

Markets at Other Centers

Chicago, Aug. 25. — The market for petroleum solvents in this area continues to be featured by the efforts of suppliers to fight black market absorption of some of the lighter grades of these materials. Steps now are being taken to have most of these light materials included in rationing to control surreptitious use as motor fuel.

Los Angeles, Aug. 25.—Takings of petroleum solvents and diluents in the market on the Pacific coast appear to be along the now-customary wartime lines, with the situation an active one and the bulk of all offerings going into military channels.

Lighter Fractions

Butane. — Manufacturers of 100-octane gasoline and synthetic rubber continue to take up virtually all offerings of this liquefied gas, so that civilian users have little with which to satisfy their needs. Market holding strong throughout.

Heptane.—In steadily increasing demand. Tone firm.

Hexane.—Continues in good request. Prices firmly held.

Octanes.—Moving in increasing volume. Market strong.

Pentanes.—Buying interest steadily growing. Tone stable.

Petrolatums and Waxes

Amorphous Waxes.—Moving uninterruptedly into consuming channels, with standard process types in the lead. Tone steady.

Paraffin.—Stocks of crude scale, until recently accumulating rapidly, are being steadily reduced to rather light proportions by the extensive takings of the government for lend-lease purposes. Refined grades are likewise in small supply but it seems unlikely that there will be any notable squeeze until the manufacturers of waxed paper receive authorization to expand their output.

Petrolatums. — Still moving steadily into consuming channels with U.S.P. and technical grades showing most activity but with some fairly sizable shipments also being recorded in the veterinarian grades.

White Mineral Oils. — Despite price shading on the part of smaller suppliers, the leading producers continue to book the bulk of the available business at their old schedule of prices.

Fuels and Lubricants

Crude Petroleum. — With domestic production of crude oil attaining a new peak for the week ended August 19, PAW has set an even higher mark for American producers to shoot at, by recommending the attainment of a daily average output of 5,051,300 barrels for September. The daily average yield of the domestic wells for the above-mentioned week reached a new high-water level of 4,675,000 barrels, an increase of 7,800 barrels over that for the previous week and 18,800 barrels in excess of PAW's recommended yield for August.

PAW has announced that a ban has been placed on the shipment of residual (industrial) fuel oil eastward from West coast states to conserve fuel for military uses along the Pacific coast and, at the same time, to bring about more efficient use of the refining facilities of Wyoming and Montana.

Fuel Oil.—Nationwide stocks of fuel oil have shown amplification for the week ended August 19, with stocks of light fuel oil showing a gain of 273,000 barrels to 40,308,000 barrels and those of heavy fuel oil registering a rise of 1,734,000 barrels to 58,737,000 barrels.

Gasoline. — Spotty conditions continue to characterize supplies of regular 70-74-octane gasoline in various portions of the East, many service stations being entirely out of this motor fuel while others are fairly well stocked. Yet the nationwide inventory shows an increase of 647,000 barrels to 81,850,000 barrels for the week ended August 19.

Western Pennsylvania refiners of leaded gasoline, of both 70-74-octane and 80-octane grades, have reduced their prices an eighth cent per gallon, an amount identical with the reduction previously ordered by OPA for the regular, unleaded, 70-74-octane gas, which is the only motor fuel now available to civilian motorists.

Carbide Catalysts Discussed by B. of M.

A survey of scientific material on the preparation and properties of metal carbides and their importance as catalysts in the Fischer-Tropsch process of making gasoline and oil from coal has been published by the Bureau of Mines. The report brings together the more reliable facts on the carbides of iron, cobalt, and nickel in their connection with liquid-fuel production by the synthesis of gases from coal or coke. Its compilation is only one phase in a long series of synthetic liquid fuel experiments and investigations conducted by the bureau in recent years.

A copy of the report may be obtained by writing to the Bureau of Mines, Department of the Interior, Washington 25, for report of investigation 3770, "The Preparation and Properties of Metal Carbides with Critical Comment as to Their Significance in the Fischer-Tropsch Synthesis," by L. J. E. Hofer.

Shell Oil Awards Bonds To Garden Winners

Three $50 war bonds were awarded to employees of the Shell Oil Company last week for entries in the Country Fair in the Clouds, held by the firm's victory garden club on the 64th floor of the RCA building.

'Oil for Tomorrow' Film Is Now Available

"Oil for Tomorrow," the new sound and color motion picture recently completed by the Interstate Oil Compact Commission as a part of its educational program, is now available for free industrial and civic showings, according to an announcement from Compact headquarters in Oklahoma City.

Controlled Specialization
petrolatums and white oils
CERESINES, WHITE AND YELLOW
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From the Refinery of
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For Current prices see alphabetical listing beginning on page 9.

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Determine NOW

What equipment to keep • •
What equipment to sell • •
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2—2,000 Gal. Stainless Steel Hor. Tanks.

2—Glass Lined Jktd. 750 Gal. Tanks.

1—New Jersey Duplex Labelrite Machine.

12—Oliver Pressure Filters; 25½" x 63".

1—Shriver 36" C. I. 20 chamber Filter Press; 1 Sperry 30" wood Press.

2—Swenson 6' C. I. Evaporators, copper tubes; 400 sq. ft. heating.

1—Sweetland No. 9 Filter; 24 leaves.

2—Kelly Filters; 4' x 10'; 40" x 9'.

4—Cast Steel Jktd. Agitated 1,000 Gal. Pressure Kettles.

1—Valley 50 Gal. C. I. Autoclave Jacketed and Agitated.

60—Jacketed Kettles; all sizes.

7—Copper Tanks; Vert. 900 gal.

8—Vacuum Pans & Stills in Copper, Nickel, Iron; all sizes.

1—Steel Ball Mill; 300 gal.

1—Dings Magnetic Separator.

2—Rotex Sifters; 40" x 84"; 54" x 120".

11—Horizontal Dryers, Kilns; 3' to 60'.

10—Mass Mixers; Jktd. and Unjktd.; all sizes.

1—Hydraulic Press; 5' x 5'; downward Ram.

1—Rotary Jktd. Digester, 6' x 13'.

1—Buffalo Drum Dryer; 24" x 20".

1—1500 Gal. Jktd.-Agitated Cast Iron Kettle.

Conveyor; screw, belt, roller; Hammer Mills, Crushers, Grinders; roll Mills, etc.

You will require unencumbered plant space for conversion or expansion.

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Help Wanted and Positions Sought—Minimum $2.00, thirty-six words or less; 35c for each additional six words.

All Other Classified Advertisements—$5.00 thirty-six words or less; 85c for each additional six words or fraction.

Agencies Wanted

ONE OF our executives is leaving shortly for an extensive trip to South and Central America. Manufacturers interested in establishing permanent contact for handling of their exports are invited to write immediately to State Export Co., Inc., 24 State street, New York City.

WELL ESTABLISHED wholesale drug house in Canada would consider additional lines for jobbers or drug trade. Manufacturing and packaging equipment available. BOX 331, Oil, Paint and Drug Reporter.

Agents Wanted

NEW YORK MANUFACTURER of finished product in paint field desires to make connection with high-class sales organization to promote sales nationally to jobbers and stores. Products are high grade and potential possibilities very large. Write fully. BOX 325, Oil, Paint and Drug Reporter.

Equipment Offered

FOR SALE—One 4-roll Lehman mill equipped with 20-H.P. 3-phase 60-cycle 220-volt V-belt drive motor, mounted on mill. Rolls recently redressed and equipped with new gears. Located near Chicago, it may be inspected by appointment. BOX 327, Oil, Paint and Drug Reporter.

Equipment Wanted

WANTED—Our expansion program requires additional equipment. We need iron and wood filter presses, jacketed kettles, mixer, pulverizer, dryer, etc. No dealers. Send your offerings to BOX 295. Oil. Paint and Drug Reporter.

EQUIPMENT WANTED, necessary for approximately 500-gallon daily capacity vacuum alcohol recovery drug extraction plant. If you have all or part of such equipment for sale, kindly give full particulars. BOX 333, Oil, Paint and Drug Reporter.

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Always "CONSOLIDATED" *Equipment*

LIQUIDATION

MACHINERY AND EQUIPMENT OF FORMER

CENTRAL SUGAR CO., Decatur, Indiana

1—Battery of 5—40" BRONZE BASKET, Western States 1600 RPM. belt driven CENTRIFUGALS, ball bearing, water-cooled heads; mixer with Stevens mingler coil, syrup troughs, all supporting framework, unloaders.

1—Battery 6—40" and 1 battery 4—40" American Tool BRONZE BASKET, 1200 RPM., belt driven CENTRIFUGALS, plain bearings, mixer, supporting framework, syrup troughs, unloaders.

1—19,000 sq. ft., QUADRUPLE EFFECT, horizontal, brass tube EVAPORATOR, with all piping, pumps, etc.

2—8'x12' All Steel OLIVER FILTERS, complete with all pumps and receivers.

3—8x10 Wood Stave OLIVER FILTERS, complete with all pumps and accessories.

8—JUICE HEATERS, 500 to 750 sq. ft. H. S.

1—Hersey double unit ROTARY DRYER OR GRANULATOR.

1—Burman ROTARY DOUBLE SHELL DIRECT HEAT PULP DRYERS.

Miscellaneous: Crystallizers, Pumps, Packaging Machinery, Dryers, Coil and Calandria Pans

Send for Printed Circular
Arrange to Inspect

REMAINING

AT BAYONNE, New Jersey

1—24" dia. x 40" PENNSYLVANIA SINGLE ROLL CRUSHER.

1—HARDINGE CONICAL PEBBLE MILL, 6' x 36", silex lined, silent chain drive, motor and starter.

3—DORR BOWL CLASSIFIERS—10' dia. bowl with 2'3"x19'8" rake, 12' dia. bowl with 2'3"x21'4" rake, 15' dia. bowl with 2'3"x23' rake.

1—OLIVER DUPLEX DRY VACUUM PUMP, 14" x 8".

1—HARDINGE CONSTANT WEIGHT FEEDER, ¼ HP motor.

3—DORR THICKENER MECHANISMS—Trays and Superstructures for 20' dia. x 10'; 30' dia. x 12'; 40' dia. x 12'.

4—DORRCO DIAPHRAGM PUMPS, single and duplex.

1—8' x 8' OLIVER ROTARY CONTINUOUS VACUUM FILTER.

2—RAYMOND BROS. "IMP" PULVERIZERS, No. 40, with direct connected motors, cyclone collectors and all inter-connecting piping.

Special Items from Stock

56—(NEW) STAINLESS STEEL steam jacketed KETTLES, up to 500 gal. cap. AA3 needed.

2—70" x 30' RUGGLES COLES DIRECT HEAT ROTARY DRYERS, Type A-9.
1—5' x 12' Vacuum DRUM DRYER, Buffalo Foundry complete with accessories.
10—ROTARY VACUUM DRYERS; 3—Buffalo 5'x20'; 3—Devine 4'x25'; 1—Devine 4'x30'; 1—Struthers Wells 30" x 12'.
2—ATMOSPHERIC DRUM DRYERS 4'x 12'.
1—29" x 60" ATMOSPHERIC DOUBLE DRUM DRYERS, m.d.
2—Buffovak 6' dia. Jack. Vacuum CRYSTALLIZERS or VACUUM PAN DRYERS.
4—6 TRUCK DRYERS, Philadelphia Textile.
9—Direct heat ROTARY DRYERS 4' x 30', 5' x 30', 70" x 30'.
1—7'6" x 75' ndirect Heat ROTARY DRYER.
2—PEBBLE MILLS, 1—4' x 4' Burrstone Lined; 1—32" x 42" Rubber Lined; 4—30 gal. porcelain lined. Other Sizes.
2—CRUSHING ROLLS, 40 x 16" Colorado Iron Works.
6—DRY POWDER MIXERS various sizes. To 3000 lbs.
2—W. & P. MIXERS, sizes 21-X-BB jacketed 625 gal.
2—4-Roll RAYMOND HIGH SIDE MILLS for extremely fine pulverizing.

2—LOUISVILLE Rotary Steam TUBE DRYERS, 6'x35'. Each equipped with 2 rows of tubes, recent model.

1—4'x6' OLIVER CONTINUOUS FILTER; 2—8'x8'
8—HEAT EXCHANGERS, 50 to 1600 sq. ft. heating surfaces; 5 copper, 2 steel tubes.
6—RAYMOND PULVERIZERS; 4-Roll Low Side; No. 3, No. 1, No. 0000.
1—Day No. 30 Imperial Jack. MIXER. 75 gal.
8—RUBBER LINED Rectangular TANKS; 7—500-gal.; 1—150 gal.
29—CENTRIFUGAL EXTRACTORS, 12" to 72" bronze and steel baskets, belt and motor drives.
1—PNEUM. SCALE CARTON PACKAGING UNIT
1—Pneumatic Scale Co. Auto. tight WRAPPER.
2—Batteries of two each TYLER HUMMER SCREENS 4'x5', single deck, other sizes.
1—36' dia. Cast Iron COLUMN, 23" high.
1—355 c.f.m. AIR COMPRESSOR, with A. C. Motor.
1—Devine duplex VACUUM PUMP 16 x 16 x 12.
2—STOKES steam heated WATER STILLS, 5, 10 gal. per hour.
1—Day 5-gal. jacketed MOGUL MIXER.
9—Hardinge BALL MILLS, 3' x 8", 3' x 36", 6' x 36"; also 6' x 12' Rod Mill.
2—8' x 30" Hardinge Conical Silex Lined PEBBLE MILLS.
5—ROTARY KILNS, 6' x 60', 8' x 125', 8'x 135'.
2—BELT CONVEYORS, 30" x 130', 16" x 65'.
3—Dracco Perfecto Type AAA DUST COLLECTORS
1—Abbe Blutergess No. 2 SIFTER; 1—No. OS, m.d
2—Gen. Ceramic 40" dia. x 15' high ABSORPTION TOWERS.
30—Jacketed Kettles, 20 gal. to 2000 gal.
3—ROLLER MILLS, 6' x 14", 12 x 30, 16 x 40 water cooled.
2—K. K. 18-spout Rotary Gravity hand FILLERS.
1—Pneumatic Scale straight line BOTTLE CLEANER
4—150 gal. aluminum TANKS, cone bottom.
1—Stokes No. 21 GRANULATING MIXER, 50 lb. belt driven.
4—Granberg LIQUID METERS.
1—No. 7; 2—Colton TUBE or JAR FILLERS, 40.
1—Colton hand TUBE FILLER.
2—Jones Automatic CARTONERS.
2—Anderson PACKAGING UNITS.
2—World Rotary auto. LABELERS.
1—C. C. & S. 7-head Jumbo CROWNER.

EXPELLERS

6—Anderson No. 1 OIL EXPELLERS, with feeders, tempering apparatus. 15 HP AC motors—rebuilt.

1—Sperry Iron FILTER PRESS, 36" x 36", 38 chambers.
7—50 gal. copper steam jacketed VACUUM PANS, complete, other sizes to 750 gal.
1—Robinson 22" ball bearing ATTRITION MILL, with 2—15 H. P. A. C. motors.
1—300 gal. COPPER steam jack. KETTLE, with bronze agitator.
1—Pneumatic Scale Co. Auto. 6 head CAPPER & CAP FEEDER, M. D.
1—(new) Stokes "F" single punch TABLET MACHINE, ¾", var. speed and A. C. motor; 1—Stokes T, 1½", belt driven.

1—No. 12 SWEETLAND FILTER with 36 monel leaves, 250 mesh, grooved.

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1—W. & P. 150 gal. Stainless Steel Lined Double Arm Mixer.

3—Colton No. 2 Rotary Tablet Machines.

1—Stokes "B" Rotary Tablet Machine.

2—Colton No. 2-B Single Punch Tablet Machines.

2—Fitz-Killion Rotary Tablet machines, similar to Colton No. 2.

2—Single Punch Tablet Machines, similar to Stokes Style "M".

1—J. H. Day 30" Copper Coating Pan.

1—W. & P. 20 gal. Double Arm Mixer.

2—Ermold Semi-Automatic Labelers.

1—Patterson 3' x 4' Porcelain Lined Pebble Mill, motor-driven.

1—Patterson 5' x 4' Silex Lined Pebble Mill, motor-driven.

3—J. H. Day 80-gal. Lead Mixers.

2—J. H. Day Twin 80-gal. Lead Mixers.

1—Filler Machine Co. 6 Spout Filler.

1—Vallez Rotary Filter, 35 leaf, 957 sq. ft., monel leaves. Purchased new 1942. Includes Valley Iron Works Paper Pulp Beater.

SPECIALS!

2—Fletcher 40" Centrifugals, motor driven, bottom discharge, with Louis Allis 10 HP High Torque Motors, 3/60/220 volt.

2—6'x5' Jacketed Closed Pressure Kettles.

1—Shriver Diaphragm Pump, 45 gpm, 5 HP motor.

4—Oliver Rotary Filters, 5'x8', 8'x3½', 8'x8', 8'x11'.

5—Shriver and Independent 24", 36", 42" Wood Filter Presses.

1—Johnson 24" Plate and Frame, closed delivery Press, with 36 plates and frames, ½" cake.

29—Centrifugals, 32", 40", 48" steel, bronze baskets, motor driven, top, bottom discharge.

3—Hersey Rotary Dryers, 5'x30', 5'x21'.

2—Scott 4'x8' Vacuum Cookers.

1—Buffalo 24"x20" Vacuum Drum Dryer.

6—Rotary Dryers, 4'x30', 6'x42', 6'x60', 6'x65', 7'x74'.

1—Union Viscolizer, 100 gph.

1—Raymond Mill, No. 0000, ball bearing, with 15 HP motor.

2—Jeffrey Hammer Mills, 36"x24", 24"x18".

10—Abbe Patterson Pebble Mills, 30 to 250 gal.

3—Roller Mills, 9"x24", 12"x30".

2—Tyler Screens, 3'x5', 4'x5'.

1—Stokes Steel Vacuum Pan, 100 gal.

2—1750 gal. Lead Lined Pressure Tanks.

2—Jacketed Stills, 500 and 350 gal., with columns and condensers.

10—Condensers, 20 to 300 sq. ft.

4—Jacketed, Agitated Steel Kettles, 650, 600, 375 gal.

5—Jacketed, Closed Steel Receivers, 45, 60, 100 and 200 gal.

1—Copper Rotary Dryer, 6'x17'.

1—Sharples No. 6 Super Centrifuge, motor driven.

2—6' Buflovak Atmospheric Crystallizers.

Miscellaneous: Complete stocks pumps, tanks, filters, boilers, etc.

Partial List Only. Your Inquiries Solicited. Send us your lists of surplus equipment.

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Facilities Offered

CHEMICAL PLANT, medium size, can accept contracts for steady production urea-formaldehyde and phenol-formaldehyde resin adhesives, phenolic laminating varnishes, and similar products. BOX 319, Oil, Paint and Drug Reporter.

Materials Wanted

TO MANUFACTURERS and jobbers—Are you overstocked? We require immediately large or small lots many items, chemicals, pharmaceuticals, solvents, aromatics, waxes, other supplies. Submit offerings at once. Correspondence treated confidentially. BOX 309, Oil, Paint and Drug Reporter.

Positions Vacant

CHEMIST WANTED—Seeking man who has developed new products for postwar market, such as household cleaners, powder paints and similar specialties which can be marketed in powder form. Give full particulars regarding developments, background, remuneration, etc. BOX 296, Oil, Paint and Drug Reporter.

CHEMIST or chemical engineer, preferably laboratory and plant experience, development and production of coated fabric for electrical insulation. Plant Brooklyn, N. Y. BOX 310, Oil, Paint and Drug Reporter.

2—Batteries (9 and 11) Tolhurst 40" Suspended Type, Centrifugals, Motor Driven, Bottom Discharge.

1—F. J. Stokes 3'x15' Rotary Vac. Dryer.
1—Raymond No. 10 Imp Mill, complete.
1—8 Roll High Side Raymond Mill, complete.
3—No. 0000 and No. 0 Raymond Mills.
1—Johnson 12" sq. Plate & Frame Iron Filter Press.
2—Bonnot 27" dia. Recessed Iron Filter Press.
6—Autoclaves, 200 to 1500 gals.
12—Vertical, jacketed, agitated Kettles, up to 1600 gals.
2—75 & 1500 gal. lead lined closed Kettles.
1—Dopp 50 gal. Jacketed, Agitated Kettle.
5—20, 35 & 150 gal. Closed, Agitated, Jacketed Copper Kettles.
20—50 gal. Vert. Agitated Steel Tanks with Nettco Drives.
4—Single Punch Preform Tablet Machine, ½" & ¾".
2—Ball & Jewell Rotary Cutters.
3—Homogenizers, 7½ & 10 HP.
4—Watson-Stillman Hydr. Pumps.
2—Blystone 2000 lb. Jacketed, Horiz., Paddle Type Steel Mixers.
1—Read 150 gal. Jacketed, Double Arm, Horiz. Heavy Duty Mixer.
1—25 gal. Ross Double Arm Heavy Duty Tilting Mixer.
6—Horizontal Mixers, 25 to 150 gals., Single & Double Arm.
1—Faust 150 gal. Jack. Spiral Mixer.
1—Coombs Gyratory Sifter, 1/3 HP.
2—Robinson 20" M.D. Attrition Mills.
1—Howe Barrel & Bag Packer.
2—4000 gal. Vert. Acid Proof Tanks.
1—Nash No. 3 Vacuum Pump.
1—No. 3 Oliver 14"x8" Duplex Vacuum Pump.
1—Penn. Vac. Pump, 14"x5".
2—Worthington 12"x12"x12" Vacuum Pumps.
2—DeLaval Separators, Lab. size & No. 302.
2—DeLaval Multiple Clarifiers, Nos. 300 & 600, motor driven.
2—Ross 8 & 15 gal. Pony Mixers.
1—Ross 2 Roll Granite Stone Mill, 8"x12".
2—5 Roll water cooled 16"x40" Steel Roller Mills.
2—Ross 3 Roll Water Cooled 12"x30" & 16"x40" Steel Roller Mills.
3—Double Stand Steel 4 Roller Mills, 7"x18", 7½"x20" & 7½"x30" Rolls.
10—Pebble & Jar Mills, Lab. to 50 gal.
1—Tolhurst 40" Centrifugal.
8—Stone Mills, 8" to 32".
8—Lead & Paste Mixers, 50 to 135 gals.
5—Varnish Kettles, 100 to 200 gals.
10—Steel Tanks, up to 4000 gal.
2—Schutz-O'Neill 16" & 20" Pulverizers.
2—Double Roll Crushers.
2—Williams No. 2XX & No. 3 "Regular" type Hammer Mills.
10—Electric Agitators, ¾ to 2 HP.
20—Rotary, Centrif. & Triplex Pumps.
4—Gas Boilers, 1 to 10 HP.

Only Partial Listings
Write for Complete Bulletins
We Buy Your Surplus Machinery

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Department E

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Positions Vacant

EXPERIENCED COLOR salesman wanted for printing ink industry, metropolitan New York area, by nationally known house. Excellent remuneration, exceptional opportunity for high-class, capable man. Replies held strictly confidential. BOX 328, Oil, Paint and Drug Reporter.

SALESMAN to sell colors and resins to New York printing ink trade. Good opportunity; full particulars first letter. BOX 329, Oil, Paint and Drug Reporter.

CHEMIST — GRADUATE, experienced preferred, oleo-resinous, pyroxylin, plastic coatings on fabrics. Excellent opportunity. Now and post-war. Write full details. BOX 330, Oil, Paint and Drug Reporter.

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SIZE 24"

BELT DRIVEN

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DISTILLING COLUMNS:

45" DIA. CHROME-IRON COLUMN containing 26 Bubble Cap Type Plates—saw little service.

8'4" to 10'0" STEEL COLUMN containing 19—8'4" dia. and 9—10'0" dia. Bubble Cap Type Plates.

48" DIA. EVERDUR COLUMN—Bubble Cap Type Plates.

CAST IRON FITTINGS
FLANGED ELBOWS, TEES, CROSSES, REDUCERS OF ALL KINDS, ETC.
BRONZE FITTINGS — SCREWED: BRONZE VALVES UP TO 3"; IBBM FLANGED VALVES UP TO 20"—R & G.

POT STILL — COPPER, HORIZONTAL
1—6'0" dia. x 7'4" long, Flanged Heads, 1,585-gal. cap. Compl. with coils.
TANKS, COPPER AND STEEL.
AMMONIA COOLERS.
BUCKET ELEVATOR, 105'0" high, Buckets 6" x 11", Compl. with Drive, Pulley, and Belt.
HAMMER MILL: Williams, Cap. 1,000 to 1,200 lbs. corn per hour through 1/16" screen.
PUMPS—CENTRIFUGAL AND STEAM, all sizes.
TANK SAND FILTER SYSTEMS, each 3'0" dia. x 5'0" high, with fittings and "I" Beams.
PEABODY OIL BURNER—Never Used—Suitable for 150 h.p. Boiler.
ACE OIL BURNER—excellent condition.
LAWRENCE TRIPLE EFFECT EVAPORATOR.
9—COIL-TYPE VACUUM PANS: (Complete with Condensers, Catch-alls, etc.)
2—ANDERSON NO. 3 MOISTURE EXPELLERS.
ROTARY STEAM DRYERS, with Trunnions.

CONDENSERS
Bronze Tube Sheets, Copper Tubes, Copper or Steel Shells Ranging in Size from 100 to 1,000 Sq. Ft. of Surface.

Write for Complete List

ORELAND EQUIPMENT CO.

P. O. BOX "E", ORELAND, PENNA.

Positions Wanted

PLANT MANAGER — Experienced (15 years) in litho-printing ink field (in "over-all" management of production, purchasing, inventory-control, personnel, etc.); will consider similar or more specialized permanent executive position with A-1, progressive firm in ink, paint or pigment field. Excellent references; locate anywhere; availability one month. BOX 323, Oil, Paint and Drug Reporter.

—Continued on page 63

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Abbe 300 gal. Silex Lined Pebble Mill
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W & P 500 gal. Jack. & Ag. Mixing Kettle
A. O. Smith 500 gal. Jack. & Ag. Autoclave
Sperry 42" wood plate and frame Filter Press, C. D.
Kiefer "Cinati" 6 stem Vacuum Filler
5" Premier Colloid Mill
Vallez Rotary Filter, 35 leaf, 957 sq. ft.

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2—Kent three-roll Roller Mills, 16"x40" horizontal type motor drive.

1—National five-roll Roller Mill, with steel water-chilled Rollers, 16"x40".

1—National three-roll Roller Mill equipped with 16"x40" water cooled chilled steel rollers.

1—Lehman 16"x40" three-roll Roller Mill with water-cooled rollers.

1—Werner & Pfleiderer 2,500 gallon capacity double arm steam-jacketed Mixing Tank.

1—Single action steam jacketed Mixer equipped with two 4" outlets; 900 gal. capacity.

1—Stokes 400 gallon capacity single arm Mixer, direct motor driven.

1—Reed 150 gallon capacity single and double arm Mixer.

1—Day single and double arm 100 gallon capacity jacketed Mixer. Cast-iron jacketed Kettles, 40-50-75 gallon capacity.

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Size 18" x 18"- Mounted on steel legs. A clamp-down cover, with safety valve and gauge, inside basket copper, will hold 24 quart mason jars. A 3-burner gasoline burner and steam coil with each Sterilizer.

PRICE $75.00 F.O.B. Philadelphia, Pa.

H. LOEB & SON
4603 Lancaster Ave., Philadelphia 31, Pa.
TRinity 3400

Botanical Drugs

—Continued from page 56

The annual, spring planted, is now producing considerable seed for market. In California there are 300 acres of the annual growing this year and plans are to harvest it with combines. Oregon has small acreage of each type and Idaho some of the biennial. This is the first time there has been commercial production in the United States.

Cardamom.—Bleached seed was lower at $1.25 to $1.30 per pound for bold material, and $1.15 to $1.20 for medium. Decorticated was down to 85c. to 90c. Arrivals totaled 30 cases.

Dill.—Dewhiskered material was lower at 15¼c. to 15¾c. per pound. Arrivals totaled 572 bags, probably destined immediately for the "barber shop."

Mustard.—California yellow seed is called nominal on this market. Montana yellow was higher at 12c. to 12½c., and rains were reported in that State.

Spices

Cinnamon.—An arrival of 245 bales was reported but did not appear for sale on the open market.

Clove.—Some goods were offered at St. Louis at 21c. to 21½c. per pound.

Ginger.—Calicut root was advanced to 27c. to 27½c. per pound. Jamaica was seeking buyers for further quantities of export goods.

Pepper.—Representative August H. Andresen of Minnesota on August 18, in the house, asked for an investigation by the committee on agriculture to fix responsibility "for the inability of the public to secure black pepper." He said millions of pounds of meat were in danger of spoiling in the next six months because of the inability of farmers and commercials to secure an adequate supply of spice for seasoning. He said that importers now withholding black pepper from the market should be allowed to sell at a fair profit, and if, after having been given a fair profit by a rise in the OPA ceiling, they are then unwilling to sell, the matter warrants prompt attention of the Department of Justice.

Export Packaging Redefined

New specifications (FSC-1742-E) for export packaging have been issued by the Office of Distribution of the War Food Administration. All vendors are required to use the new types as rapidly as existing stocks on hand or under contract are exhausted.

The new specifications cover corrugated and solid fiberboard boxes, wirebound wood boxes, nailed wood boxes, and barrels, kegs and tierces.

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Petroleum Solvents
HEXANE • PENTANE • HEPTANE
PETROLEUM ETHER
LIGROIN • BENZINE
LOW COST—HIGH QUALITY
Special Solvents for Specific Purposes
VIKING DISTRIBUTING CO.
K. V. BLDG., CHARLESTON, W. VA.

Business Wants

—Continued from page 61

Positions Wanted

RESEARCH DIRECTOR — Aggressive; business ability; special interests plastics, resins, inks, natural products, oils, petroleum, photo-mechanics. At present head of laboratory major printing machinery manufacturer. Experience, fourteen years. Large number patents. Publications. Interviews in east. BOX 324, Oil, Paint and Drug Reporter.

CHEMICAL ENGINEER—Splendid record of achievement in sales, development and management. Fine chemicals, vegetable oils, solvents, mineral oils and resins. Commencing salary secondary but seek full scope for very exceptional proven ability. New York district preferred. BOX 326, Oil, Paint and Drug Reporter.

Products Wanted

OLD ESTABLISHED firm, medium size, manufacturing chemicals and specialties, having plants with railroad sidings in east and middlewest, interested in manufacturing additional products, bulk products preferred. Plants have large mixing and storage facilities. BOX 263, Oil, Paint and Drug Reporter.

Socony-Vacuum Refinery Using 'Bead' Catalyst

The first refinery east of the Rocky Mountains to use the "magic bead" catalyst in manufacturing high octane gasoline for Allied air forces was placed in operation in Paulsboro, N. J., by the Socony-Vacuum Oil Company, August 22. It is situated on 900 acres.

Twelve other oil companies throughout the country are using this process, in addition to Socony-Vacuum refineries in Paulsboro, East St. Louis, Beaumont and Torrance, Calif. The catalyst consists of translucent spherical particles, resembling small glass beads.

Glass Research Program At Mellon Institute Funded

Dr. Harold E. Simpson has been appointed to the incumbency of an industrial fellowship at the Mellon Institute, Pittsburgh. This specific program of research and development, which is sustained by the Mississippi Glass Company, New York, will be concerned with rolled or drawn glass, plain or wired, used principally for fenestration and for other structural purposes, and methods of finishing and decorating such glass.

Lizars Certain-teed President

Rawson C. Lizars, chairman of the board, has been elected president of Certain-teed Products Corporation, filling the vacancy caused by the resignation of H. J. Dowd.

Steel Drums Safety Appliance Developed

An appliance for up-ending filled steel drums has been devised by Alvin H. Potter, a still operator in the sludge recovery operations of the Toledo, Ohio, finishes plant of E. I. du Pont de Nemours & Co., Wilmington.

The appliance fits over the metal runners of a Colson-type barrel truck, requiring only a few seconds to fix in position. Alterations can easily be made to adapt it to other types of hand trucks. The up-ender can be made from supplies usually to be found in a plant repair or machine shop, cost of labor and materials amounting to about $15 per unit.

Corporation Earnings

American Smelting & Refining Co.

	1944	1943
6 months, June 30....	$4,223,966	$5,742,541
Per share.....	1.13	1.82

Gaylord Container Corporation

6 months, June 30....	522,620	497,524
Per share.....	.73	.68

Heyden Chemical Corporation

6 months, June 30....	467,256	.....
Per share.....	.88	.....

International Nickel Company

6 months, June 30....	13,686,390	16,155,547
Per share.....	.87	1.03

Richfield Oil Corporation

6 months, June 30....	1,710,079	1,515,255
Per share.....	.43	.38

Sterling Drug, Inc.

6 months, June 30....	4,504,907	3,934,211
Per share.....	2.57	2.24

Virginia-Carolina Chemical Corp.

1 year, June 30.....	823,945	978,376
Per share.....	3.87	4.59

Reused Steel Drums

—Continued from page 5

used steel drum regulation and that are of special or unusual construction will be fixed in accordance with their historic value.

Incorporated in the regulation is an official interpretation holding that raw used drums shall be deemed to have been delivered when loaded on railroad cars for delivery to the purchaser. The purchaser may pay the transportation costs in accordance with Section 12 of this regulation.

For purposes of clarification, various types of steel shipping packages covered by the regulation have been re-defined.

Minner Leases More Space For Crude Drug Dep't

Minner & Co. has leased additional quarters for its crude, botanical drug department at 117-123 South Third street, St. Louis, Mo. These quarters were occupied formerly by Eugene Donzelot & Son. Earl L. Donzelot, formerly with the Donzelot firm, will manage this department. The firm of Eugene Donzelot & Son closed down August 12.

Recent Imports

All matter under this head fully protected by copyright

ACID, CRESYLIC—500 dms
AMMONIA PERSULPHATE—140 kgs
ARECANUTS—400 bgs, Inland Alkaloid Co
BALATA—60 cs, Herman Weber & Co
10 cs, Astoria Import & Mfg Co
30 cs, Otis Astoria Corp
BISMUTH, REFD—471 cs, Cerro de Pasco Copper Co
BRISTLES—39 cs
8 cs, Arnhold & Co
10 cs, J Henry Schroeder Banking Corp
CARDAMOM—30 cs, 3,900 lbs, W E Martin
CASHEW KERNELS—2,000 bgs, 100,000 lbs, General Food Corp
CASHEW SHELL LIQUID—552 dms, United States Commercial Co
CASTOR BEANS—36,932 bgs, 5,539,800 lbs, Baker Castor Oil Co
6,660 bgs, 999,000 lbs, United States Commercial Co
6,733 bgs, 1,009,950 lbs, Spencer Kellogg & Sons
3,386 bgs, 507,900 lbs, Chemical Bank & Trust Co
1,700 bgs, 255,000 lbs, Bankers Trust Co
1,700 bgs, 255,000 lbs, Commodity Credit Co
CINNAMON—213 bls, 21,300 lbs, A G Dunn
32 bls, 3,200 lbs, W R Grace & Co
COCHINEAL—70 bgs, Wessel, Duval & Co
50 bgs, W R Grace & Co
COCOA BEANS—250 bgs, 50,000 lbs, General Cocoa Co
100 bgs, 20,000 lbs, Wessel, Kulenkampf & Co
41 bgs, 8,200 lbs, Nieschlag & Co
34 bgs, 6,800 lbs, Daarnhouwer & Co
49 bgs, 9,800 lbs, Wessel, Duval & Co
1,000 bgs, 200,000 lbs, J Henry Schroeder Banking Corp
100 bgs, 20,000 lbs, Bank of London & South America
500 bgs, 100,000 lbs, National City Bank
100 bgs, 20,000 lbs, Bank of New York
1,000 bgs, 200,000 lbs, Grace National Bank
1,000 bgs, 200,000 lbs, Guaranty Trust Co
1,000 bgs, 200,000 lbs, Commercial National Bank
100 bgs, 20,000 lbs, Chase National Bank & Trust Co
100 bgs, 20,000 lbs, Public National Bank & Trust Co
100 bgs, 20,000 lbs, Irving Trust Co
COCOA BEANS—1,000 bgs, 200,000 lbs, Bank of Manhattan Co
1,000 bgs, 200,000 lbs, Bankers Trust Co
1,500 bgs, 300,000 lbs, Kennedy, Butcher & Co
DILLSEED—44 bgs, 5,720 lbs, S B Penick & Co
528 bgs, 68,640 lbs, G Scarlett & Co
FILTER PAPER—52 cs, Reeve Angel & Co
GLUESTOCK—15,618 bls, C M Loeb Rhoades Co
573 bls, H Remis & Co
GUM, TRAGACANTH—7 bgs, D S Bahary & Co
36 bgs, E Meer & Co
5 bgs, V Simedian & Co
2 bgs, Orbis Product Corp
5 bgs, A D Isbetcherian
2 bgs, S B Penick & Co
GYPSUM—2,460 tons
4,950 tons, National Gypsum Co
HAIR, CAMEL—27 bls, Afghan American Trading Co
CATTLE TAIL—4 bls, Manufacturers Trust Co
3 bls, American Bristle & Hair Co
15 bls, First National Bank
GOAT—45 bls, Philadelphia National Bank
45 bls, Hair & Fiber Supply Co
47 bls, Archbold & Co
100 bls, Tradesman National Bank & Trust Co
22 bls, W Hirschberg
4 bls, Lowenstein & Gartner
168 bls, Azad Beg Karabagin
53 bls, J Henry Schroeder Banking Corp
HORSE—60 cs, F H Cone & Co
100 cs, Philadelphia National Bank
HORSE MANE—10 bls, First National Bank
3 bls, American Bristle & Hair Co
30 bls, F P Woll & Co
IPECAC ROOT—7 bls
KAMALA, PWD—53 bgs, 7,420 lbs, R J Prentiss & Co
MALEFERN ROOT—160 bgs, S B Penick & Co
MANGROVE BARK—958 bgs, Guaranty Trust Co
MEDICINAL PREPS—5 cs, D F Young
20 cs, D C Andrews & Co
MENTHOL—75 cs, Brown Williamson Tobacco Co
26 cs
MILKWEED—300 bgs, Kennedy, Butcher & Co
120 bgs, Bank of New York
MONAZITE SAND—2,000 bgs, Philipp Bros
NUX VOMICA—400 bgs, R J Prentiss & Co
OIL, CASTOR—307 dms, United States Commercial Co
COCONUT—2,116 tons, United States Commercial Co
COD—90 dms and 60 cks, Scandinavian Oil Co
CODLIVER—210 dms, Upjohn & Co
CORNMINT—24 cs
LEMONGRASS—15 dms, van Ameringen Haebler, Inc
24 dms, P R Dreyer
6 dms, E I Du Pont de Nemours Co
4 dms, Magnus, Mabee & Reynard
12 dms, Dodge & Olcott Co
6 dms, Fritzsche Bros
12 dms, Geo Lueders & Co
3 dms, Givaudan-Delawanna
12 dms, Norda Essential Oil & Chemical Co
6 dms, United States Rubber Co
OITICICA—1,495 dms, United States Commercial Co
500 dms, Murray Oil Product Co
11 dms, Brazilian Oiticica Oil Co
SASSAFRAS—18 dms
SHARK LIVER—9 dms
PAPAIN—28 half chests, S B Penick & Co
20 cs, R J Prentiss & Co
22 cs, C L Huisking & Co
PENNYWORT HERBS—90 bgs, Peek & Velsor
PYRETHRUM FLOWERS—1,295 bls
QUEBRACHO EXTRACT—750 bgs, 90,000 lbs, Tannin Product Export Co
RESIN, VEGETABLE—70 cs, Chicle Development Co
90 cs, H A Astlett & Co
ROOT, MEDICINAL—20 bls
SHARK & FISH LIVERS—140 bbls, O Gorthon
TARA, PODS—760 bgs, Guaranty Trust Co
210 bgs, Balfour, Guthrie & Co
POWDERED—1,100 bgs, Continental Bank & Trust Co
260 bgs, Guaranty Trust Co
WHOLE—540 bgs, Guaranty Trust Co
TUCUM KERNELS—1,000 bgs, 50,000 lbs, General Food Corp
VALERIAN ROOT—54 bgs, Wessel, Duval & Co
WAX, BEES—30 bgs, Bank of the Manhattan Co
17 bgs, W R Grace & Co
100 bgs, Strahl & Pitsch
CARNAUBA—46 bgs, Wessel, Duval & Co
251 bgs, W R Grace & Co
68 bgs, Wm Diehl & Co
44 bgs, American Cyanamid & Chemical Corp
145 bgs, Innis, Speiden & Co
1,797 bgs, S C Johnson & Son
CARNAUBA, PWD—300 bgs, S C Johnson & Son

Gum Tragacanth--- Gum Arabic
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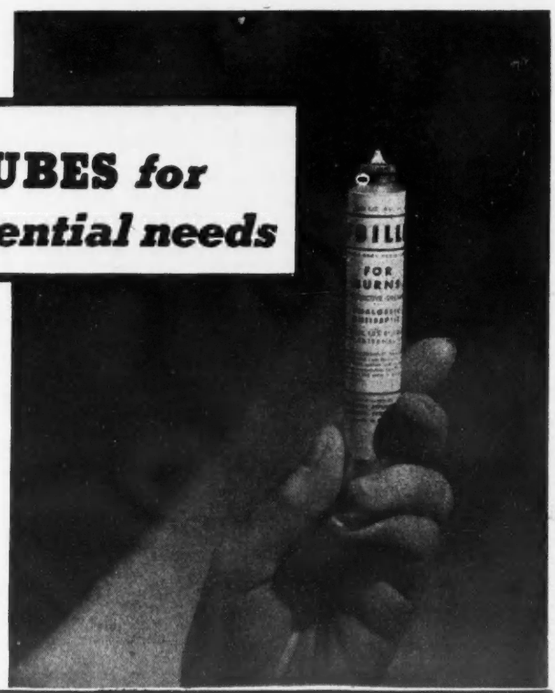

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